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## HIGH SCHOOLS

**BROOKWOOD HIGH SCHOOL.....205-342-2777**  
Website ..... <http://brookwoodhigh.tcss.net>  
Address ..... 12250 George Richmond Parkway, Brookwood, AL 35444  
Principal..... Mrs. Kellie Hubbard  
Assistant Principals ..... Mrs. Sachiko Green  
..... Dr. Doug Milligan  
..... Mr. Aaron Tennyson  
Counselors ..... Mrs. Brandy Hughes  
..... Mrs. Carla Moore  
..... Ms. Cathy Rutledge  
..... Mrs. Deven Steward

**HILLCREST HIGH SCHOOL .....205-342-2800**  
Website ..... <http://hillcresthigh.tcss.net>  
Address ..... 300 Patriot Parkway, Tuscaloosa, AL 35405  
Principal..... Mr. Jeff Hinton  
Assistant Principals ..... Mr. Brad Armstrong  
..... Ms. Devin Embry  
..... Mrs. Cheryl Morrow  
..... Mr. Kevin Thomas  
Counselors ..... Mrs. LaPorscha Hall  
..... Mrs. Leah Hughes  
..... Mrs. LaTonya Jemison  
..... Mrs. Emily Woodroof

**HOLT HIGH SCHOOL.....205-342-2768**  
Website ..... <http://holthigh.tcss.net>  
Address ..... 301 44<sup>th</sup> Court NE, Holt, AL 35404  
Principal..... Dr. Daniel Dickens  
Assistant Principal ..... Dr. Carmen Drinkard  
Counselor..... Mrs. Sarah Hall

**NORTHSIDE HIGH SCHOOL.....205-342-2755**  
Website ..... <http://northsidehigh.tcss.net>  
Address ..... 19230 Northside Parkway, Northport, AL 35475  
Principal..... Mrs. Lindsey Thompson  
Assistant Principal ..... Mr. Brian Aaron  
Counselor..... Mrs. Danette Honeycutt

**SIPSEY VALLEY HIGH SCHOOL.....205-342-2850**  
Website ..... <http://sipseyvalleyhigh.tcss.net>  
Address ..... 15815 Romulus Road, Buhl, AL 35446  
Principal..... Mr. Danny Jordan  
Assistant Principal ..... Mr. Jeremy Perkins  
Counselor..... Ms. Emilie Fuqua

**TUSCALOOSA COUNTY HIGH SCHOOL .....205-342-2670**  
Website ..... <http://tuscaloosacountyhigh.tcss.net>  
Address ..... 12500 Wildcat Drive, Northport, AL 35475  
Principal ..... Mr. Darrell Williams  
Assistant Principals ..... Mrs. Hannah Costanzo  
..... Mrs. Rhonda Hollister  
..... Dr. John Hooper  
..... Mr. Dominic Ingram  
Counselors ..... Mrs. Ashley Hagler  
..... Mrs. Julie McGillivray  
..... Mrs. Tracy Parker  
..... Mrs. Susie Wheat

**TCSS CAREER COACHES ..... Mrs. Christy Lewis  
..... Mrs. Beth Rominger  
..... Mrs. Shannon Stubbs  
..... Mrs. Brooklyn Willett**

THE TUSCALOOSA COUNTY SCHOOL SYSTEM

BOARD OF EDUCATION

Superintendent .....Dr. Keri Johnson  
Deputy Superintendent ..... Mr. David Patrick  
Chief School Financial Officer .....Mr. Danny Higdon

- Mr. Bill Squires, President

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MISSION

Our mission is to educate and empower all students to be college and career ready graduates – prepared to make positive contributions to our global society.

BELIEFS

- High expectations are necessary to achieve goals and expand opportunities for all.
- Education is a shared responsibility that positively impacts the quality of life.
- Equity, fairness, accountability, and fiscal responsibility are foundations of our decision-making.
- Safe, well-equipped, student-centered schools support student success.
- Diversity and individual learning needs are respected, included, and valued.

EQUAL EDUCATION AND EMPLOYMENT OPPORTUNITY STATEMENT

It is the policy of the Tuscaloosa County Board of Education that the school system shall place an equal emphasis upon the non-discriminatory provision of educational opportunities for students. No student shall be denied the benefits of any educational program or activity on the basis of race, color, disability, creed, national origin, age, sex, homeless status, marital status, non-English speaking ability, or migrant status. Programs offered by schools within the school system shall be open to all students in compliance with applicable outside agency guidelines, statutory and judicial requirements, and board policy.

INFORMATION FOR STUDENTS AND PARENTS

Every school system has its own story to tell. The context in which teaching and learning takes place influences the processes and procedures by which our system makes decisions around curriculum, instruction, and assessment. The context also impacts the way our system stays faithful to our vision. Our system bears the great responsibility of educating young minds. Our goal is to prepare young people for their first big step into an adult world, a world that demands self-discipline and social skills as well as academic and work skills. Every effort within all of our programs, initiatives, professional development sessions, parental involvement programs, and community outreach is geared toward the idea that we keep students first. Program reviews and the work we do on a daily basis are predicated on the belief that every student has great potential, is worthy of our every effort, and that our role as educators is to prepare them to be successful high school graduates. That success is to be measured by the fact that they will be well prepared for college or to enter the work force as a productive citizen and leader of tomorrow.

Each student is valuable and important to our future; therefore, the educational success of each student is the focus of every effort of the Tuscaloosa County School System. Curriculum offerings in the Tuscaloosa County School System are designed to meet standards and guidelines established by the Alabama State Department of Education. Curriculum planning and student placement decisions reflect policies adopted by the Tuscaloosa County Board of Education.

Parents are encouraged to consult the Tuscaloosa County School System's website at [www.tcass.net](http://www.tcass.net), the current *Parent-Student Information Guide*, school counselors, administrators, and teachers for information needed in planning course selections.

OTHER CONTACTS FOR SECONDARY SCHOOL STUDENTS

- Accountability, School Counseling Programs and Transcripts .....Mrs. Jackie Hudgins—205-342-2739
- Assessment and School Counseling Programs..... Mrs. Cheryl Wallace—205-342-2743
- Attendance, Discipline, 504 and McKinney-Vento .....Mr. Ty Blocker—205-342-2726
- Career and Technical Education ..... Mr. Dennis Duncan—205-342-2744
- Curriculum and Instruction (Secondary) .....Dr. Daniel Bray—205-342-2731
- Sexual Harassment..... Dr. Allison Mays—205-342-2720
- Special Education.....Mrs. Pam Stanley—205-342-2789
- Mrs. Nina Graham—205-342-2735

## WELCOME TO HIGH SCHOOL

Welcome to high school! The first step to ensure you are successful in high school and in life is to take responsibility for yourself. Student responsibility occurs when you take an active role in your learning by recognizing you are accountable for your academic success. Your responsibility is demonstrated when you make choices and take actions which lead you toward your educational goals.

Responsible students take ownership of their actions by exhibiting the following behaviors. They:

- demonstrate academic integrity and honesty.
- attend and participate in classes, labs, and seminars, prepared and on time.
- complete the assigned work in a timely manner with attention to quality of work.
- complete college applications, work applications, and scholarship applications in a timely manner.
- avoid making excuses for their behavior (i.e. late to class, procrastination, defiance, etc.).
- communicate in a careful and respectful manner with administrators, school counselors, teachers, peers, and other members of the community.
- are engaged learners who dedicate sufficient time inside and outside of class to complete work.
- act in a civil manner that respects the learning/social environment and complies with TCSS policies outlined in the student handbook and high school course catalog.
- utilize resources and seek help when needed.
- respect diverse ideas and opinions.
- identify, develop, and implement a plan to achieve their educational goals.

## COURSE SELECTION PROCESS

High school class schedules are based on a block schedule during the regular academic year. Students will take core courses throughout the school year. In addition to the core courses, students select courses to earn the required number of credits to complete an Alabama High School Diploma. Students are encouraged to review and utilize their four-year plans during the course selection process.

Teacher recommendations and standardized test scores determine student placement in the four academic areas. Teacher approval is required for several elective courses. Counselors and teachers meet with students to advise them about course offerings, prerequisites, and placement. A signed Parent Override Form is required in order for a student to take a course against recommendation.

During the course selection process, students will select 8 to 12 courses for the upcoming academic year. Students will select 4 core courses (English, math, social studies, and science), 4 elective courses, and a maximum of 4 alternate courses. Schedules for the specific course and teacher are assigned by computer. Every effort is made to schedule each student into courses that reflect his or her first choices.

**Students may not request to retake academic courses for which credit has already been awarded.** Course availability is affected by many factors: student demand, school enrollment, personnel availability, and funding constraints.

**School personnel complete cards for students who fail to return course selection cards or whose cards are incomplete or incorrect.**

## STUDENT SCHEDULE, SCHEDULE CHANGES AND FEES

Dates for early schedule pick-up will be announced through the local media. To obtain a schedule during early schedule pick-up, the student must pay all fees required for courses selected. During early schedule pick-up, no schedule may be obtained by a student until all monies owed to the school (lost textbooks, library fines, etc.) have been paid. Contact the school principal to discuss any difficulty with fee payments.

The course selection process is made prior to the beginning of the school year and is the basis for master scheduling and staffing decisions at each school. For that reason, student requests for schedule changes are strongly discouraged and may be denied. **Requests for schedule changes must be submitted during the first four (4) days of the first semester.** A fee of \$10.00 is required for any schedule change initiated by the student. No schedule changes will be made for courses taken by parent override against teacher recommendation.

## VALIDATION OF CREDITS FROM NON-ACCREDITED OR HOME SCHOOLS

To allow transfer of credits and/or determine the appropriate class/grade placement of a student transferring to this system from a non-accredited or home school, the following shall be implemented:

1. Credit for all elective courses shall be accepted without validation.
2. Uncontested credit for core courses (English, mathematics, science and social studies) shall be transferred as follows:
  - Using all available records and nationally standardized tests, if available, the principal or his/her designee shall determine the appropriate placement and then notify the student and the parent/guardian.
  - For any initial core course the student completes successfully in this system, he/she shall be permitted to transfer in that subject area all previous credits earned at a non-accredited or home school. (Example: Successful completion of eleventh grade English in this system would allow the student to transfer ninth and tenth grade English if completed successfully at the non-accredited or home school).
3. Contested credit for core courses (English, mathematics, science and social studies) shall be transferred as follows:
  - The principal or designee shall supervise the administration of the school systems' content-based course specific validation test. For each validation test passed, the student shall be placed in the next level core course and credit for the prerequisite course(s) shall be transferred. Once a grade-level course has been validated, all preceding courses in that content area are recorded as validated.

In the event of the existence of controversial records/transcripts and/or the absence of any official or notarized records/transcripts, the principal or designee shall supervise the administration of the school systems' content-based course specific validation test. For each validation test passed, the student shall be placed in the next level core course and credit for the prerequisite course(s) shall be transferred. Once a grade-level course has been validated, all preceding courses in that content area are recorded as validated. (Policy 4.80)

PROMOTION/GRADE CLASSIFICATION

Students must earn the minimum number of Carnegie units (credits) necessary for grade placement **above grade 9** as indicated below: (Policy: 5.26)

10<sup>th</sup> Grade – 5                      11<sup>th</sup> Grade – 12                      12<sup>th</sup> Grade – 19\*                      Graduation – 24

\*Grade classification will be aligned with the student’s graduation cohort in addition to credits earned.

HIGH SCHOOL EARLY EXIT

Every child between the ages of six and seventeen years is required to be enrolled in school and to attend for the entire length of each scholastic year. Therefore, only at the end of the first term of the senior year, but no earlier than the student’s seventeenth (17<sup>th</sup>) birthday, may a student 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 junior year and return it to their counselor. Application forms are available at each high school.
- 2. The student must meet all graduation requirements.
- 3. The student must have completed all coursework through one or a combination of the following four methods:
  - Dual enrollment with Auburn University, Bevill State Community College, Shelton State Community College, Stillman College, the University of Alabama and/or the University of North Alabama
  - Credit acceleration
  - Courses on the high school campus during the regular school day
  - Tuscaloosa County Schools Virtual Learning Program.
- 4. The student must provide to the school counselor one of the following documents before exiting high school:
  - Letter of acceptance to a post-secondary institution OR
  - Letter of acceptance to the military OR
  - Letter from employer verifying employment in the workplace.

The following guidelines should be considered as students and parents think through the High School Early Exit opportunity:

- 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 (athletics, fine arts, etc.) or re-enroll in high school.
- Students who exit early may attend prom and participate in the graduation ceremony. It is the responsibility of the student to know all deadlines and expectations for prom and graduation.
- Students who exit early will not be eligible for valedictorian or salutatorian. In addition, no high school master schedules will be adjusted to accommodate a student who wishes to exit early.

CREDIT IMPROVEMENT

Credit improvement allows students who may need or want to take a course for additional credit an opportunity to do so. Students may attempt credit improvement through advancing credit, obtaining credit, recovering credit and/or repeating credit. The alternative academic and administrative options at GRAD Academy, Lloyd Wood Alternative Program, Project BETHEL, SPAN and TCSS Homebound Education also utilize credit improvement opportunities for the students.

Admission and eligibility requirements of various organizations are subject to change, and it is the student’s responsibility to consult with outside organizations such as universities, the AHSAA, NCAA, etc. to determine how credits earned through credit improvement (advancing credit, obtaining credit, recovering credit and repeating credit) might affect eligibility, admissions, or status.

A credit improvement application is required for participation. The application may be requested from the school. The application must be signed by the parent or guardian, the student, the high school counselor or administrator.

- Credit improvement incorporates the use of technology and curriculum provided through one or a combination of the following:
- **ACCESS (Alabama Connecting Classrooms, Educators and Students Statewide) Virtual Learning**  
For more specific information, students should contact their school counselors or visit the ACCESS Virtual Learning website at <http://accessdl.state.al.us/>  
  
**NOTE:** The NCAA has approved fifty-two ACCESS courses. The list of courses may be found at [www.eligibilitycenter.org](http://www.eligibilitycenter.org). The six-digit CEEB/ACT Code for ACCESS Virtual Learning is 011919. Credit Recovery/Credit Advancement courses available through ACCESS are NOT accepted by the NCAA for eligibility purposes.
  - **Edgenuity** – Edgenuity is provided by the Tuscaloosa County School System. Credit recovery courses are NOT approved by the NCAA.
  - **CORRESPONDENCE/INDEPENDENT STUDY** – Students in grades 9-12 may be approved to take correspondence or independent study courses for credit. Such courses must be offered through institutions recognized by the Alabama State Department of Education or from institutions accredited by a national accrediting agency recognized by the U.S. Office of Education. Prior written approval for each correspondence/independent study course must be granted by the school Principal. Correspondence work may be taken only when the curricular offerings deny a student a course he/she particularly needs. It is the student’s responsibility to consult with outside organizations such as universities, the AHSAA, NCAA, etc. to determine how credits earned through correspondence/independent study might affect eligibility, admissions, or status.

CREDIT ACCELERATION – ADVANCING CREDIT

This program allows students who already know most of the standards taught in a particular course and who are not currently enrolled in the course to prove mastery of course content by successfully completing a pretest and posttest in that subject. Students may attempt credit advancement in math, English, science (excluding biology, physical science and chemistry as directed by the ALSDE), social studies and elective classes.

The tests used for credit advancement are locally approved computer-based or paper-pencil exams. Students interested in attempting credit advancement should contact their high school’s academic advisor to schedule an appointment.  
All computer-based credit advancement exams will be given on an electronic device at the high school. Both computer-based and paper-pencil exams will be proctored by the principal’s designee at the high school. There is no fee to participate in credit advancement.



Parent permission is required to participate in credit advancement. The permission form may be obtained from each high school. This form must be signed by the parent or guardian, the student, the high school counselor, and high school principal.

Credit advancement exams can be taken within the first five days of each semester, the last ten days of each semester, and during the month of June. Students attempting credit advancement will take a pretest for the course. If the student earns at least an 80 on the pretest, then he/she will take a comprehensive posttest. The student will need to schedule an appointment to take the posttest. The posttest must be taken within one week of the results of the pretest being released to the student. Students are permitted to take the posttest on the same day as the pretest if an appointment to do so is available. If the student makes at least an 80 on the posttest, then he/she will receive credit for the course. The final grade earned on the pretest and the posttest will be averaged. The numeric average will serve as the final grade and will be posted directly to the transcript in a separate column indicating that the credit was earned through credit advancement. Credit advancement courses are not weighted. If the student earns below an 80 on the pretest, then he/she is not eligible to take the posttest or to receive credit for the course.

There is not a limit on the number of credits that a student can earn through credit advancement; however, students will be permitted to attempt credit advancement only one time per course. All rising ninth grade through twelfth grade Tuscaloosa County School System students are eligible to attempt credit advancement.

**Any credit obtained for a course through this program is not approved by NCAA.**

#### **CREDIT ACCELERATION – OBTAINING CREDIT**

Students who may need or want to take a course for additional credit may participate in this program. Students can attempt credit obtainment in math, English, science, social studies and elective classes. Unlike credit advancement, students will take the course in its entirety; therefore, a pretest will not be administered. Credit obtainment is an alternative to the traditional approach to course completion. Using this program, students must take the entire course and the course is not weighted.

Students eligible for credit obtainment will:

- Be a transfer student whose deficit in the required credit(s) is not due to failure of the course OR
- Be a student who exhibits the desire to earn more than the traditional credits allotted in the school year

There is not a limit on the number of credits that a student can earn through this program.

**Whether or not a credit obtained for a course through this program is approved by NCAA depends on how the instruction is provided. For example, a course taken through ACCESS Virtual Learning is approved by NCAA.**

#### **RECOVERING CREDIT**

In accordance with guidelines established by the Alabama State Department of Education, the Tuscaloosa County School System offers students who have received failing grades in courses that are required for graduation an opportunity to recover the lost credit through a standards-based approach that will target specific knowledge and skill deficits instead of requiring students to repeat the entire course.

In order to be accepted students will

- Have an overall average of 40-59 in the course they seek to recover credit;
- Only complete the standards from the course that caused them to fail. The identification of the standards that caused the student to fail is performed through a computer-based course and skill-specific diagnostic tool. This prevents the student from having to redo the entire course and allows them to recover the lost credit in a much shorter time frame;
- Provide their own transportation to credit recovery classes when attending the after-school or summer sessions;
- Pay \$100.00 course fee (**NOTE:** Fees are subject to change);
- Earn a maximum grade of 60 with the credit recovery grade included in computing the student's overall Grade Point Average;
- Not remove the original failing grade from the permanent record as it will be included in computing the student's overall Grade Point Average.

Transfer students from non-AdvancED accredited or home schools who fail the validation tests with a score of 40-59 for any core courses are also eligible for Credit Recovery.

**Any credit obtained for a course through this program is not approved by NCAA.**

#### **REPEATING CREDIT**

This program is primarily for those students who made less than a 40 in the class they failed. Using this program, students must retake the entire course. Instruction may be provided traditionally or non-traditionally. Also, students who are eligible for Credit Recovery but want to try and achieve higher than a 60 on their transcript for a course they failed may choose this option because students will be expected to complete all objectives from the course they failed.

**Whether or not a credit obtained for a course through this program is approved by NCAA depends on how the instruction is provided. For example, a course taken through ACCESS Virtual Learning is approved by NCAA.**

### **ACCESS VIRTUAL LEARNING PROGRAM**

Students who have schedule conflicts (i.e. two classes the student needs are offered at the same time) or those who are seeking to take courses not offered on the high school campuses may speak with a counselor about taking a course online through the ACCESS Virtual Learning Program. A full listing of courses available can be found at <https://www.accessdl.state.al.us/courses>. ACCESS will not be utilized to replace instruction offered by TCSS faculty members on our high school campuses.

ACCESS coursework is in-depth and requires discipline to be successful in the online learning environment. Students are expected to remain enrolled in the course for its duration. Should a student fail an ACCESS course (including being dropped from the course due to lack of progress) or withdraw from an ACCESS course, the student must sit out the next academic semester (fall and spring semesters meet this requirement) before being allowed to enroll in any additional ACCESS courses.

## VIRTUAL LEARNING PROGRAM

Through the TCSS Virtual Learning Program, the Tuscaloosa County School System provides students in grades 9-12 the option to complete courses by way of an online, virtual platform through ACCESS Virtual Learning. The virtual courses, which align with the Alabama College and Career Ready Standards, offer students the benefits of time, flexibility and program customization. Students who utilize the virtual program also assume increased responsibility in personal time management, organization, self-direction, and personal discipline to complete course and school requirements. A direct link to the TCSS Virtual Learning Program Handbook may be found in the Students & Families Section of [www.tcss.net](http://www.tcss.net). (Policy 4.88)

## SUMMER PROGRAM

The Tuscaloosa County Board of Education may operate a summer program when needed to serve the educational goals of the Tuscaloosa County School System. All summer sessions will comply with Alabama law and current administrative code. The following procedures apply to the operation of a summer program by the Tuscaloosa County School System:

1. Prior to enrolling in a summer program course, the student must obtain written permission for each class from his or her principal or the principal's designee. Credits earned without prior approval of the principal or the principal's designee will not be recognized.
2. Summer programs course content is determined by the Alabama Course of Study/Alabama College and Career Ready Standards for the particular course; mastery of the course content is determined in the same manner as for a course taught during the regular school year.
3. A student shall not earn credit toward graduation for a course that duplicates course content for which credit has already been awarded. A student shall not earn credit toward graduation for a course whose content is subsumed by a course for which credit has already been awarded.

290-3-1-02(8)(c)1-2

The Tuscaloosa County School System will offer a summer program in 2024. The Tuscaloosa County School System receives no funding for summer school-credit improvement programs; therefore, the availability of summer course offerings at all grade levels shall be based on sufficient student demand to financially support the summer school-credit improvement programs. The costs associated with the operation of the programs shall be borne by the enrolled students. The fee for any course during the summer is \$100.00.

Summer school grades stand alone and shall not be averaged with regular school year grades to determine passage or failure of a course or a portion of a course. Promotion and retention determinations for students are made by the appropriate school staff in accordance with Policy 5.26.

## FOUR-YEAR EDUCATIONAL PLANS

The four-year plan is designed by each student to make the most of his/her educational experience while enrolled in high school. The plan clarifies what is expected of and available to the students from the freshman year to the senior year.

The four-year plan provides a roadmap for maximizing opportunities in each student's curricular and co-curricular life. By fully engaging this plan, students will:

- Rise to academic challenges and excel in coursework.
- Be an active and collaborative learner and participate fully in their education.
- Seek enriching experiences by pursuing activities that integrate their classroom education with community-based learning opportunities through service, co-curricular activities, leadership opportunities and/or a culminating senior experience.
- Identify and apply the skills acquired from all of your experiences.

Four-year plans are developed through the assistance of School Counselors, Career Coaches and Central Office Staff to ensure all students are aware of the opportunities afforded to them throughout their high school career.

In addition to personal interactions with our TCSS staff, students can utilize resources provided to them through Kuder. In 20 minutes or less, students can login through Clever to complete three research-based career assessments to discover personal interests, skills, and work values. Guided by their personalized results, students can search financial aid and scholarships, find colleges, get online test prep, request transcripts, build education plans, and more — all connected to their uniquely relevant career possibilities. Each student can save favorites to a lifelong portfolio, keep track of progress, and share information through an e-Profile, customizable to their information, plans, and choices. Parents can also get involved to review results and offer guidance via their free Parent account. Download a parent informational flier to learn more. With the Kuder Administrative Database Management System, educators can easily measure success, improve accountability, fulfill reporting requirements, and support curriculum development.

This is a great resource for parents and students to use to begin planning for high school and after high school. This program provides a simple and user-friendly tool for developing and printing resumes. By obtaining the unique student number and pin number from the school, students can save their inventory results, high school plans, resumes, and college research. The web address is [www.al.kuder.com](http://www.al.kuder.com)

UNIFORM GRADING SCALE

A numerical system will be used as the uniform grading scale. The key to grades should be listed on the report cards and permanent records. Each teacher should have a minimum of one grade per week (homework, daily work, tests, etc.) for each week in a grading period. Grades may not vary from this scale (Policy: 4.71).

A = 90 – 100%    B = 80 – 89%    C = 70 – 79%    D = 60 – 69%    F = 0 – 59%

GRADING SCALE	STANDARD/ADVANCED COURSES	HONORS COURSES	AP COURSES	CORE DUAL ENROLLMENT COURSES
A (90-100)	4.0	4.5	5.0	5.0
B (80-89)	3.0	3.5	4.0	4.0
C (70-79)	2.0	2.5	3.0	3.0
D (60-69)	1.0	1.5	2.0	2.0
F (0-59)	0.0	0.0	1.0	1.0

REPORT CARDS

Reports cards are for transmitting an evaluation of student progress to the student and his/her parents/guardians. Report cards and progress reports for elementary, middle, and high schools will be issued at least four (4) times during the scholastic year. (Policy: 4.71). Teachers should have a minimum of one weekly grade (homework, daily assignments, tests, etc.) for each student in each grading period.

POWERSCHOOL STUDENT AND PARENT PORTAL

The Student and Parent Portal component of the PowerSchool Student Information System is available for use by parents and students. To use the program, you must first obtain an Access ID and Password from the school for at least one of your enrolled students. To access the program, click on the PowerSchool Student and Parent Portal link provided at our system website, [www.tcass.net](http://www.tcass.net) or by visiting <https://tuscaloosaco.powerschool.com/>. The Student and Parent Portal can be accessed through any device with internet access, including smartphones, and iPads. Parents & Guardians should have a single account to view all connected students. Students should have individualized access with their own Access ID and Password. We strongly recommend downloading the PowerSchool app to your devices for easy access to grades and attendance information. If your student's information is not available, please contact the school for assistance.

FINAL COURSE GRADE

ONE-HALF CREDIT, ONE NINE-WEEK COURSES

For one-half credit, one nine-week grading period courses, a mandatory comprehensive exam will be administered at the end of the nine-week grading period. For half-credit, one nine-week grading period courses, the nine-weeks average will count as 80% of the final grade and the comprehensive final exam will count as of the **final grade**.

Mandatory comprehensive final examinations are administered to all students except those students meeting the exemption criteria. The final course grade for students in grades 9-12 who meet exemption criteria will be determined from the nine weeks grade.

ONE CREDIT, TWO NINE-WEEK COURSES

For one credit, two nine-week grading period courses, a mandatory comprehensive nine-weeks exam will be administered at the end of the first nine-week grading period. The weight assigned to the comprehensive exam will be determined by the teacher of the course and will not exceed 20% of the nine-week grade. The comprehensive final exam administered at the conclusion of the course will count 20% of the **final grade** for the course. The first nine-weeks grade will count as 40% of the final grade, the second nine-weeks grade will count as 40% of the final grade, and the comprehensive final exam will count as 20% of the final grade.

Mandatory comprehensive final examinations are administered to all students except those students meeting the exemption criteria. The final course grade for students in grades 9-12 who meet exemption criteria will be determined from the average of the two nine weeks' grades.

ONE CREDIT, FOUR NINE-WEEK COURSES

For one credit, four nine-week grading period courses, mandatory comprehensive exams will be administered at the end of the first, second, and third nine-week grading periods. The weight assigned to each comprehensive exam will be determined by the teacher of the course and will not exceed 20% of the nine-week grade. The comprehensive final exam administered at the conclusion of the course will count 20% of the **final grade** for the course. The sum of the four nine weeks' averages will be added to the course final exam grade. This total will be divided by five to get the course final grade.

Mandatory comprehensive final examinations are administered to all students except those students meeting the exemption criteria. The final course grade for students in grades 9-12 who meet exemption criteria will be determined from the average of the four nine weeks' grades.

## EXAMINATIONS

The periodic use of teacher-made examinations assists school system personnel in evaluating student learning and achievement and provides a means for assessing the effectiveness of the teaching-learning process in the schools. Hence, the Board encourages teachers to ensure that students are provided with meaningful opportunities to engage in the preparation for and completion of comprehensive examinations. Comprehensive exams must be administered at the end of each nine-week grading period in both half-credit and full-credit courses. The grade earned on each comprehensive exam (excluding the comprehensive final exam administered during the conclusion of the last nine-weeks of a course) will be used in calculating each nine-week grade. The weight assigned to each comprehensive exam will be determined by the teacher of the course and will not exceed 20% of the nine-week grade. The comprehensive final exam administered at the conclusion of the course will count 20% of the **final grade** for the course. Written examinations or other assessment techniques which measure student mastery of the content may be used. Assessments may include portfolios, products, performances, research papers, or projects. Further, teachers should have a minimum of one weekly grade (homework, daily assignments, tests, etc.) for each student in each grading period.

## EXAM EXEMPTION POLICY

**EXAM EXEMPTION (GRADES 9-12) FOR ONE-HALF CREDIT (ONE NINE-WEEKS COURSES)**

In order to be exempt from a final exam at the end of a one-half credit, one nine-weeks grading period course, a 9-12 grade student must:

- Possess an A (90-100) average with 3 or fewer absences, or
- Possess a B (80-89) average with 2 or fewer absences, or
- Possess a C (70-79) average with 1 or fewer absences, **AND**
- Have no discipline referrals that result in detention, in-school intervention, or suspension during the term/semester.

The final course grade for students in grades 9-12 who meet exemption criteria will be the average of the one nine-week grading period.

**EXAM EXEMPTION (GRADES 9-12) FOR ONE-HALF CREDIT AND ONE CREDIT (TWO NINE-WEEK COURSES)**

In order to be exempt from a final exam at the end of a one-half credit, two nine-week grading period course and/or a one credit, two nine-week grading period course, a 9-12 grade student must:

- Possess an A (90-100) average with 3 or fewer absences, or
- Possess a B (80-89) average with 2 or fewer absences, or
- Possess a C (70-79) average with 1 or fewer absences, **AND**
- Have no discipline referrals that result in detention, in-school intervention, or suspension during the term/semester.

The final course grade for students in grades 9-12 who meet exemption criteria will be determined from the average of the two nine-week grading periods for a full credit course and from the one nine-weeks grade for a one-half credit course.

**EXAM EXEMPTION (GRADES 9-12) FOR ONE CREDIT (FOUR NINE-WEEK COURSES)**

In order to be exempt from a final exam at the end of a one credit, four nine-week grading period course, a 9-12 grade student must:

- Possess an A (90-100) average with 6 or fewer absences, or
- Possess a B (80-89) average with 4 or fewer absences, or
- Possess a C (70-79) average with 2 or fewer absences, **AND**
- Have no discipline referrals that result in detention, in-school intervention, or suspension during the school year.

The final course grade for students in grades 9-12 who meet exemption criteria will be determined from the average of the four nine-week grading periods for a full credit course.

The final course grade for students in grades 9-12 who meet exemption criteria will be determined from the average of the four nine-week grading periods for a one credit course.

## REQUIRED EXAMINATIONS – SYSTEM AND STATE GENERATED

In addition to the exams administered by the teachers of the course, the Tuscaloosa County School System administers tests mandated by the Alabama State Department of Education to help students benchmark their progress through school so they will be better prepared for their chosen careers and post-secondary studies.

**PreACT (Grade 10)**

All tenth-grade students will take the *PreACT* in the Fall of 2024. The *PreACT* test provides students with practice for the ACT test and measures progress towards college readiness. The *PreACT* score and predicted ACT score ranges align to the ACT 1-36 scale. Students may opt to share their information with colleges and scholarship agencies. The *ACT Interest Inventory* results provide students with a personalized view of interests with college and career alignment. The valuable results from these tools provide actionable insights to help educators, parents and students make important decisions for the future.

**ACT plus Writing (Grade 11)**

All eleventh-grade students will take the *ACT plus Writing* in the Spring of 2025. This provides all students one opportunity to test at their local school free of charge. The *ACT plus Writing* assessment contains four curriculum-based tests that measure academic achievement in English, mathematics, reading, and science reasoning. The assessment measures academic development based upon a student's skills in applying content knowledge and reasoning skills acquired in his or her course work. *ACT plus Writing* is an assessment used for college admission. More information, including additional testing dates and sample test questions, may be found at [www.act.org](http://www.act.org).

**ACT WorkKeys (Grade 12)**

All twelfth-grade students will take the *ACT WorkKeys* in the Fall of 2024. *ACT WorkKeys* is a job skills assessment system that helps employers select, hire, train, develop, and retain a high-performance workforce. As part of ACT's Work Readiness System, *ACT WorkKeys* has helped students build their skills to increase global competitiveness and develop successful career pathways. Successful completion of *ACT WorkKeys* assessments in Applied Mathematics, Locating Information, and Reading for Information can lead to earning ACT's National Career Readiness Certificate (NCRC), a portable credential. All students have access to ACT WorkKeys Curriculum online to assist with preparation for success on this assessment.



**Civics Test (Grade 12)**

According to Senate Bill 32, all Alabama graduating seniors must pass the new Civics test. The locally developed Civics test must use items that are published annually by the United States Citizenship and Immigration Services (USCIS) – along with state and local history, government, and geography components of the high school curriculum.

**OPTIONAL COLLEGE AND CAREER READINESS EXAMINATIONS**

**PSAT – National Merit Scholarship Qualifying Test**

The Preliminary SAT (PSAT) is the National Merit Scholarship Qualifying Test (NMSQT) that measures critical reading skills, math problem-solving skills, and writing skills. By taking the PSAT, students can become familiar with the SAT and see how their scores on a college entrance exam compare nationally with other students applying to college. Students in the 10<sup>th</sup> grade may take the test for practice. Students must test during their junior year to be considered for National Merit Scholarships. Being selected as a National Merit Scholar is one of the highest academic honors that a student may earn.

**The PSAT is typically administered on a Wednesday in October of each school year. At printing of this catalog, the 2024-2025 date has not been released. Students must register with their school counselors at least six weeks prior to the test date. Payment is required at the time the student registers for the test.** More information about PSAT, including sample test questions, can be found at [www.collegeboard.org](http://www.collegeboard.org).

**PSAT 8/9**

The PSAT 8/9 is a test that helps students and their teachers figure out what the students need to work on most so that they are ready for college when they graduate from high school. It tests the same skills and knowledge as the SAT, PSAT/NMSQT, and PSAT 10 — in a way that makes sense for their grade level. Schools choose a Fall date between late September 2024 and late January 2025 or a Spring date between late February 2025 and early March 2025.

The PSAT 8/9 establishes a baseline measurement of the students' college and career readiness as they enter high school. It also gives students a chance to preview the SAT, PSAT/NMSQT, and PSAT 10 and connect to AP courses. When students get their test results, they may connect their College Board and [Khan Academy](https://www.khanacademy.org) accounts to get free personalized study recommendations.

**SAT and SAT Subject Tests**

The SAT and SAT Subject Tests are a set of tools designed to assess student's academic readiness for college. More information about the SAT and SAT Subject Tests, including sample test questions, may be found at [www.collegeboard.org](http://www.collegeboard.org).

**ASVAB**

The Armed Services Vocational Aptitude Battery (ASVAB) is a multiple-aptitude battery that measures developed abilities and helps predict future academic and occupational success in the military. More information about the ASVAB, including sample test questions, may be found at [www.official-asvab.com](http://www.official-asvab.com).

**ACT ONLINE PREP AND ACT FEE WAIVERS**

**ACT Online Prep**

Access to ACT's online prep program is available to all high school juniors, free of charge, through either fee waivers (see information below) or through the Alabama State Department of Education. This online service provides 11<sup>th</sup> grade students with practice tests including real ACT test questions, practice essays for the new optional ACT Writing Test (with real-time scoring), comprehensive content review for each of the ACT's four required tests-English, Math, Reading, and Science, a diagnostic test and a personalized study plan. The website to access this program is [www.actonlineprep.org](http://www.actonlineprep.org). Further information may be obtained from your school counselor.

**ACT Fee Waivers**

Students testing on a national test date and who cannot afford the registration fee for the ACT or ACT with writing, may be eligible for an ACT Fee Waiver. Students must meet **all** of the following requirements:

1. Currently enrolled in high school in the 11<sup>th</sup> or 12<sup>th</sup> grade.
2. Either a United States citizen or testing in the US, US territories, or Puerto Rico.
3. Meet one or more indicators of economic need listed on the ACT Fee Waiver form.

Eligible students may use a maximum of **four** separate fee waivers total. Two can be used in the 11<sup>th</sup> grade year; two can be used in the 12<sup>th</sup> grade year. The waiver is used once students register, even if they do not test on the requested test date.

**IMPORTANT: To take full advantage of the waiver, students must follow through and test on their registered test date.** An *ACT Fee Waiver* covers the regular registration fee for either the ACT (no writing) or the ACT with writing. The waiver covers one report to a student's high school and up to six college choices (at the time he or she registers). After registration, the student can request up to an additional 20 regular score reports for free. Waivers may not be used to pay for any additional fees (including late registration fees), products, or services. Students **cannot** request a fee waiver directly from ACT. Fee waivers may be requested from the high school counselor.

**NOTE:** If students register online and register during the late period or request any additional services, a credit card must be used to pay those fees before submitting the registration.

## ELIGIBILITY FOR PARTICIPATION IN EXTRA-CURRICULAR ACTIVITIES

The Tuscaloosa County Board of Education recognizes the value of athletics and other extracurricular activities as they relate to the total education of students. The Tuscaloosa County Board of Education also recognizes and supports high academic standards and the necessity of developing a framework to assess annually the progress of each student who participates in athletics or extracurricular activities toward graduating from high school on schedule with his/her class.

The Tuscaloosa County Board of Education prescribes the following regulations for eligibility:

1. **Students must be enrolled in a school of the school system.**
2. Extracurricular activities associated with athletics are defined as those recognized and sanctioned by the Alabama High School Athletic Association, and other extracurricular activities are defined as those that are sanctioned by a public school that are not related to a student's academic requirements or success in a course.
3. Regular curricular activities are defined as those that are required for satisfactory course completion.
4. Students entering grades 10 through 12 must, for the last 2 terms/semesters of attendance and summer school, if applicable, have a passing grade and earn the appropriate number of credits in each of 6 subjects that total 6 Carnegie units of credit, including 4 credits from the 4 core subjects composed of English, science, social studies, and mathematics with a numerical composite average of 70. Students entering grades 8 and 9 must, for the last two terms/semesters of attendance and summer school, if applicable, have a passing grade in 5 subjects with a composite numerical average of 70. Students promoted to the seventh grade for the first time are eligible. (A term/semester is defined as one-half of a school year as defined by the local Board of Education adopted school year calendar.)
5. Physical education may count as only 1 unit per year.
6. Eligibility shall be determined on the first day of the local school year and shall remain in effect for 1 complete school year. Students deemed ineligible at the beginning of the school year by virtue of having failed to meet the requirements outlined in item #3 may regain their eligibility either by successfully completing the required courses through an accredited program by September 1<sup>st</sup> OR at the end of the first term/semester by meeting the requirements for eligibility in the two most recently completed terms/semesters, including summer school. Eligibility restoration must be determined no later than 5 days after the beginning of the succeeding term/semester.\* An ineligible student may not become eligible after the fifth day of each term/semester.
7. Bona fide transfers may be handled according to rules of the Alabama High School Athletic Association for sports and rules to be developed by the local Board of Education as they pertain to other extracurricular activities. The rules and regulations for athletic eligibility for transfers according to the Alabama High School Athletic Association may be found at [www.AHSAA.com](http://www.AHSAA.com).
8. Each eligible student must have a minimum composite numerical average of 70 on six (6) Carnegie units from the preceding year, including summer school. Summer school work passed may substitute for regular school work repeated in computing the 70 average.
9. Each eligible student involved in athletics must meet the definition of a regular student as defined by the Alabama High School Athletic Association.
10. Any student who earns more than four (4) credits in the core curriculum in any given year or who accumulates a total in excess of the required four (4) per year may be exempt from earning the four (4) core courses in the succeeding year as long as that student remains on track for graduation with his/her class and the grade was not previously used in calculating eligibility.
11. Sixth grade students are eligible for non-athletic extra-curricular activities. Students promoted to the seventh grade for the first time are eligible for all extra-curricular activities.
12. School sponsors are required to submit a request for each curricular activity that occurs outside the regular school day and/or school to the Principal, Superintendent, and the local Board of Education for approval.
13. Each request for full participation by all students, regardless of academic standing, in a curricular activity shall be granted if the Principal, Superintendent, and the local Board of Education approve participation in the activity as an extension of a course requirement and it is an event sanctioned by a state/national subject matter association.
14. Notwithstanding anything to the contrary in this regulation, activities offered by the school through mathematics, science, band, choral music, and other courses at events such as athletic events (pre-game, game, halftime, or other breaks), club conventions, parades, amusement park trips and competitions, trips by tour companies, performances at various meetings, etc., are extracurricular, and students academically ineligible under this policy shall not be allowed to participate.

\*Unit calculations for regaining eligibility at the end of the first term/semester may not coincide exactly with units for graduation for students in schools on a different academic calendar. (Policies 5.80 and 5.81)

## NCAA INITIAL-ELIGIBILITY REQUIREMENTS

The NCAA Eligibility Center verifies the academic and amateur status of all student-athletes who wish to compete in Division I or II athletics.

College-bound student-athletes who want to practice, compete and receive athletically related financial aid during their first year at a Division I or II school need to meet the following requirements:

- Graduate from high school.
- Complete a minimum of 16 core courses for Division I or II.
- Earn a minimum required grade-point average in core courses.
- Earn a qualifying test score on either the ACT or SAT.
- Request final amateurism certification from the NCAA Eligibility Center.

For Division I student-athletes, the following must be completed in addition to the previously stated standards:

- Earn at least a 2.3 grade-point average in core courses.
- Meet an increased sliding-scale standard (for example, an SAT score of 820 requires a 2.5 high school core course GPA)
- Successfully complete 10 of the 16 total required core courses before the start of their seventh semester in high school. Seven of the 10 courses must be successfully completed in English, math and science.

Students who earn at least a 2.0 GPA and meet the current sliding-scale standard will be eligible for practice in the first term and athletically related financial aid the entire year, but not competition. Freshmen who are academically successful in the first term will earn the ability to continue to practice for the remainder of the year.

Division III colleges and universities set their own admission standards. The NCAA does not set initial-eligibility requirements in Division III.

For more detail about academic requirements visit the [Eligibility Center](#).

**Remember, the NCAA core GPA is calculated using NCAA core courses only.**

### IMPORTANT NOTE REGARDING ESSENTIALS SKILLS PATHWAY AND ALTERNATE ACHIEVEMENT PATHWAY CORE COURSES

The substitute courses for special education students are intended for students with IEPs. The Curriculum Guide to the Alabama Course of Study contains the course content for students following the Essentials/Alternate Achievement Pathway. Careful consideration should be given before a student is allowed to take one of the courses. None of these courses will be accepted in a four-year university nor will they be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting one of these courses.

## VALEDICTORIANS, SALUTATORIANS, HONOR GRADUATES

In an effort to encourage academic excellence and achievement on the part of students throughout the school system, the Board directs that each high school principal, with the assistance of appropriate staff members, select a valedictorian, a salutarian, and honor graduates as a way of appropriately honoring those students who have pursued and attained high academic goals. Following are the criteria for determining who may be eligible for these honors:

### VALEDICTORIAN AND SALUTATORIAN

The student with the highest numerical grade average who qualifies to receive Academic Distinction to the Alabama High School Diploma will be the class valedictorian. The student with the second highest numerical grade average who qualifies to receive Academic Distinction to the Alabama High School Diploma will be the class salutarian.

In the case of a tie (after carrying the grade average to 4 decimal places and rounding to 3 places), students having the same average will be recognized as co-valedictorians or co-salutarians. The numerical grade average for the candidates will be computed on course work taken beginning with the freshman year through the second term of the senior year. All term grades will be used.

Advanced Placement (AP) grades will be weighted by adding 10 points to each final grade earned in an AP class. Students are required to take the National AP Exam developed by the College Board in each AP course to receive the weighted credit. Approved Core Dual Enrollment courses will be weighted at the same rate as AP courses. All Honors grades will be weighted by adding 5 points to each semester grade earned in each Honors class. Students must take a comprehensive final exam in each Honors course to receive the weighted credit.

In the case of a transfer student who has AP grades, only those courses recognized as AP by The College Board will be weighted. If a student fails an AP course, no weighted credit will be added to the configuration.

The candidates for valedictorian and salutarian must have been enrolled at the high school for one full school year prior to the date of their graduation. If letter grades are present on a candidate's transcript, the candidate must have the respective school(s) attended submit the grades in numerical form. If school officials of the school that the student attended cannot or will not convert the letter grades to numerical grades, the letter grades will be transposed to numerical grades. (See page 5 for grade scales.)

### HONOR GRADUATES

The honor graduates are graduating seniors who have qualified to receive an Academic Distinction to the Alabama High School Diploma and have an overall grade point average (GPA) of 4.0 (on a 4-point scale) on all courses taken during the freshman year through the second semester of the senior year. The candidates for other end-of-year honors must have been enrolled prior to the beginning of the second term of the senior year. Approved College Board Advanced Placement courses will be weighted when calculating grade point averages only for students who sit for the AP exam. Approved Core Dual Enrollment courses will be weighted at the same rate as AP courses.

# DUAL ENROLLMENT – GENERAL INFORMATION

## DUAL ENROLLMENT (DE) AND DUAL ENROLLMENT/DUAL CREDIT (DE/DC)

The Alabama State Department of Education has authorized the establishment of dual enrollment programs between public colleges and universities and local boards of education.

The following dual enrollment options may be offered:

- **Dual Enrollment (DE)** is available to students who would like to earn college credit. DE students may take college courses and will receive college credit ONLY for all coursework. DE students' courses and grades **will not** be reflected on the high school transcript. DE courses **will** be reflected on the college transcript alone.
- **Dual Enrollment/Dual Credit (DE/DC)** is available to students who would like to earn both high school and college credits for the equivalent course(s). DE/DC courses **will** be added to the high school transcript and **will** be calculated into the overall GPA.

The Tuscaloosa County School System currently has dual enrollment/dual credit agreements with the following colleges and universities:

- Auburn University
- Bevill State Community College
- Shelton State Community College
- Snead State Community College
- Stillman College
- The University of Alabama
- The University of North Alabama
- The University of West Alabama

Each post-secondary institution listed above requires applications, transcripts and a variety of documentation to be accepted for and enrolled in dual enrollment programs. High School Counselors may assist students with the completion and submission of these documents; however, questions regarding courses for post-secondary pathways (i.e. Nursing, Business Office Management) should be addressed with the dual enrollment officials at each institution. High School Counselors are not employed by the post-secondary institutions and are not responsible for advising students on post-secondary pathways.

## ELIGIBILITY/GPA FOR ACADEMIC AND/OR CAREER AND TECHNICAL EDUCATION DUAL ENROLLMENT

- Students must meet and maintain the entrance and continued enrollment requirements of the post-secondary institution.
- Students must be in grades 10, 11, or 12 (An exception may be granted upon the recommendation of the student's principal and superintendent and in accordance with Alabama Administrative Code 290-8-9-.17 regarding gifted and talented students). Students become eligible for dual enrollment following the completion of grade 9. If desired, students may take their first dual enrollment courses during the summer between grades 9 and 10.
- For Shelton State Community College and Bevill State Community College, students must have a minimum cumulative (unweighted) high school grade point average (GPA) of 2.50 on a 4.00 scale for academic courses and a 2.00 on a 4.00 scale for technical courses. (Shelton State Community College allows a 2.00 GPA on a 4.00 scale for technical courses.) For Stillman College, students must have a minimum cumulative (unweighted) high school GPA of 2.50 on a 4.00 scale. For Auburn University, the University of Alabama Early College, the University of West Alabama and the University of North Alabama, students must have a minimum cumulative (unweighted) high school GPA of 3.00 on a 4.00 scale.
- Students will remain in continuous eligibility as long as a grade of "C" or better in all attempted college courses is earned.
- An application for dual enrollment course requests must be signed and submitted for each semester. **Credit will not be awarded retroactively.**

## ATTENDANCE

- Students will follow the college schedule of classes to include holidays and breaks unless agreements have been made between the college and high schools that dictate otherwise.
- Students are expected to attend each class session, to arrive on time, and to remain for the entire class session.
- In cases of excessive absences, the student should withdraw from the course before the last date to withdraw, as published in the college's academic calendar.

## PROGRESSION

- Students are allowed to take 2 classes per semester during the high school academic year (Fall and Spring semesters). Additional class requests must be in writing and will require approval from the high school principal. During the Summer term, students may take 2 academic classes; students in the career and technical education programs may take up to 4 classes in their program of study. Students are encouraged to speak with a college advisor about the shortened timeframe and workload before making a decision about summer course enrollments.
- Students in career and technical education programs who require academic courses to graduate, and whose placement scores are sufficient, may also take academic courses for Dual Enrollment credit.
- Students who receive the Career and Technical Education Dual Enrollment (CTEDE) Scholarship are required to pass each course to continue in the program.

## GENERAL INFORMATION

- Three or four semester hours must be used to substitute one Carnegie unit in high school (with the exception of US Government and Economics which only earn .5 credits).
- **Prior approval is required for dual credit to be granted.**
- Dual Enrollment/Dual Credit will be recorded on a student's transcript when the high school receives an official grade report from the postsecondary institution. **All DE/DC grades will be transcribed. High school seniors may only take dual enrollment courses required for graduation during the fall of the senior year unless the academic courses will be taught in the spring semester on our high school campuses by TCSS employees; elective courses not being utilized to meet graduation requirements can be taken at any time with no restrictions.**
- The student must coordinate all Dual Enrollment/Dual Credit coursework with his/her school counselor each semester. Additionally, all required paperwork must be completed and submitted in a timely fashion. Forms may be found on the school's website or in the school counselor's office.



- Students may earn DE/DC credit during the school year (on-or off-campus) or during the summer. Students who wish to pursue early graduation must work with their school counselor in advance to indicate their intention and discuss their plan for finishing early. In such cases, students and their parents will be required to complete and submit a signed Early Exit Application. School Counselors and Administrators will oversee this process at each high school.
- When choosing college coursework for DE/DC purposes, students must be selective and thoroughly informed to ensure that they are not duplicating the content and standards of a course they have already taken for credit in high school.
- Payment of the current rate of tuition and fees per credit hour, books, transportation, and equipment will be the responsibility of the student.
- The student must notify the school counselor of any changes to his/her DE/DC schedule, including any decisions to withdraw from a DE/DC course during the semester. **Because a school's master schedule is built around student requests and staff availability, dropping a DE/DC course does not mean that the student can immediately be placed in the equivalent course on the high school campus.**
- Students will earn 1.00 weighted credit for high school **academic** courses that have an AP equivalent. Students will be permitted to earn 16 weighted academic credits (four in English Language Arts, four in Mathematics, four in Science and four in Social Studies) during their high school career. These credits will include honors, AP, and dual enrollment courses. Approved dual academic courses are defined as English Language Arts, Mathematics, Science and Social Studies courses and are listed in the following chart:

2024-2025 APPROVED DUAL ENROLLMENT COURSES	
DUAL ENROLLMENT AGREEMENTS HAVE BEEN ESTABLISHED BETWEEN THE TUSCALOOSA COUNTY SCHOOL SYSTEM AND	
AUBURN UNIVERSITY	STILLMAN COLLEGE
BEVILL STATE COMMUNITY COLLEGE	THE UNIVERSITY OF ALABAMA EARLY COLLEGE
SHELTON STATE COMMUNITY COLLEGE	THE UNIVERSITY OF NORTH ALABAMA
SNEAD STATE COMMUNITY COLLEGE	THE UNIVERSITY OF WEST ALABAMA

APPROVED DUAL ENROLLMENT COURSES AND THEIR EQUIVALENCIES ARE LISTED IN THE CHART BELOW:

ENGLISH COURSES		PREREQUISITE(S)
English Composition I (Equivalent of AP English Lang/Comp) (English 11 or English 12)	ENG 101– Bevill/Shelton/Snead	ACT English score of 18 or Level 5 Accuplacer
	ENG 131 - Stillman	N/A
	ENG 101 – UA	N/A
	EN 111 - UNA	ACT English score of 18
English Composition II (Equivalent of AP English Lit/Comp) (English 12)	ENG 102 – Bevill/Shelton/Snead	A letter grade of C or higher in ENG 101
	ENG 102 – Bevill/Shelton/Snead	A letter grade of C or higher in ENG 101
	ENG 132 – Stillman	ENG 131
	ENG 102 – UA	ENG 101 or AP Language or AP Literature score of 3 or higher
	EN 112 – UNA	EN 111
English Literature I (Equivalent of AP English Lit/Comp) (English 12)	ENG 251- Bevill/Shelton/Snead	AP Language or Literature (taken in grade 11) score of 4 or 5
	EN 205 - UA	AP Language or Literature (taken in grade 11) score of 4 or 5
SCIENCE COURSES		PREREQUISITE(S)
<i>*NOTE: STUDENTS MUST HAVE PASSED THE TWO REQUIRED SCIENCE CREDITS (BIOLOGY AND A PHYSICAL SCIENCE) FOR THE ALABAMA HIGH SCHOOL DIPLOMA BEFORE ENROLLING IN ANY DUAL ENROLLMENT SCIENCE COURSE(S)</i>		
Introduction to Biology I (Equivalent of AP Biology) (Science 3 or 4)	BIO 101 – Bevill/Shelton/Snead	High School GPA of 2.5
	BIO 141 – Stillman	As required by program
	BSC 108 – UA	N/A
	BI 101 – UNA	N/A
Introduction to Biology II (Science 3 or 4) (Only the first semester of the course will receive weighted credit)	BIO 102 – Bevill/Shelton/Snead	A letter grade of C or higher in BIO 101
	BSC 109 – UA	N/A
	BI 102 – UNA	BI 101 or 111
Principles of Biology I (Equivalent of AP Biology) (Science 3 or 4)	BIO 103 – Bevill/Shelton/Snead	High School GPA of 2.5
	BSC 114 and BSC 115 – UA (Nursing & Pre-Med Majors)	N/A
Principles of Biology II (Science 3 or 4) (Only the first semester of the course will receive weighted credit)	BIO 104 – Bevill/Shelton/Snead	A letter grade of C or higher in BIO 103
	BSC 116 and BSC 117 – UA (Nursing & Pre-Med Majors)	BSC 114 and BSC 115
Introductory Chemistry (Equivalent of AP Chemistry) (Science 3 or 4)	CH 104 –UA (Recommended by UA for Nursing majors)	N/A
College Chemistry I (Equivalent of AP Chemistry) (Science 3 or 4)	CHM 111 – Bevill/Shelton/Snead	High School GPA of 2.5
	CH 101 – UA (Recommended by UA for pre-Med and Engineering majors)	MTH 113 or higher
College Chemistry II (Science 3 or 4) (Only the first semester of the course will receive weighted credit)	CHM 112 – Bevill/Shelton/Snead	A letter grade of C or higher in CHM 111
	CH 102 – UA (Recommended by UA for pre-Med and Engineering majors)	CHM 101
General Physics I – Trig Based (Equivalent of AP Physics 1) (Science 3 or 4)	PHY 201 – Bevill/Shelton/Snead	High School GPA of 2.5
	PH 101 – UA	MTH 113
General Physics II – Trig Based (Equivalent of AP Physics 2) (Science 3 or 4) (Only the first semester of the course will receive weighted credit)	PHY 202 – Bevill/Shelton/Snead	A letter grade of C or higher in PHY 201
	PH 102 – UA	PH 101
General Physics with Cal I (Equivalent of AP Physics C: Mechanics) (Science 3 or 4)	PHY 213 – Bevill/Shelton/Snead	High School GPA of 2.5
	PH 105 – UA	MTH 125

General Physics with Cal II (Equivalent of AP Physics C: Elec/Mag) (Science 3 or 4) (Only the first semester of the course will receive weighted credit)	PHY 214 – Bevill/Shelton/Snead	A letter grade of C or higher in PHY 213
	PH 106 – UA	MTH 126 and PH 105
Introduction to Geology I (Equivalent of AP Environmental Science) (Science 3 or 4)	GEO 101 – UA	N/A
Introduction to Geology II (Science 3 or 4) (Only the first semester of the course will receive weighted credit)	GEO 102 - UA	GEO 101
Computer Science 1 for Majors (Equivalent of AP Computer Science A) (Science 3 or 4)	CIS 191 – Bevill/Shelton/Snead	MTH 100 or MTH 116
	CS 100 – UA	MTH 112 or MTH 113 with a C or higher
Computer Science Principles (Equivalent of AP Computer Science Principles) (Science 3 or 4)	CS 104 – UA	MTH 112 or MTH 125
MATHEMATICS COURSES <i>*NOTE: STUDENTS MUST HAVE PASSED THE THREE REQUIRED MATHEMATICS COURSES FOR THE ALABAMA HIGH SCHOOL DIPLOMA BEFORE ENROLLING IN ANY DUAL ENROLLMENT MATHEMATICS COURSE(S)</i> <i>*THESE COURSES ONLY MEET THE REQUIREMENT FOR STANDARD DIPLOMA MATH PATHWAYS</i>		PREREQUISITE(S)
*Intermediate College Algebra (Math 4)	MTH 100 – Bevill/Shelton/Snead	ACT Math Score - 18, HS GPA of 2.75 & A/B in Alg II, or Placement Test
	MATH 100 – UA	ACT Math Score - 18, SAT Math Score of 480 or Placement Test
	MATH 100 - UNA	ACT Math Score of 16
*Finite Mathematics (Math 4)	MTH 110 - Bevill/Shelton/Snead	C or better in MTH 100 or Equivalent Placement Score
	MTH 110 - UA	Math Placement Test Score or ACT Math Score - 18
*Mathematical Applications (Math 4)	MTH 116 – Bevill/Shelton/Snead	This math course may only be taken as the fourth math course for students pursuing dual enrollment in the Technical Degree Programs
Pre-Calculus Algebra (Math 4)	MTH 112 – Bevill/Shelton/Snead	C or better in MTH 100 or Equivalent Placement Score OR ACT Math Score - 20 or Accuplacer Score of 267
	MTH 134 - Stillman	N/A
	MATH 112 – UA	ACT Math score - 24, SAT Math score 580 or Placement Test
Pre-Calculus Trigonometry (Math 4)	MTH 113 – Bevill/Shelton/Snead	MTH 112 or Placement Test
	MATH 113 – UA	MATH 112
Calculus I (Equivalent of AP Calculus AB) (Math 4)	MTH 125 – Bevill/Shelton/Snead	C or higher in MTH 113 or 115, or ACT Math Score – 27, or Placement Test
	CAL I 125 – UA	ACT Math Score–30, SAT Math score 710, MATH 113 or 115 or Placement
Calculus II (Equivalent of AP Calculus BC) (Math 4)	MTH 126 – Bevill/Shelton/Snead	MTH 125 with a C or higher
	CAL I 126 – UA	MATH 125 or AP Calculus score of 3 or higher
Computer Science 1 for Majors (Equivalent of AP Computer Science A) (Math 4)	CIS 191 – Bevill/Shelton/Snead	MTH 100 or MTH 116
	CS 100 – UA	MTH 112 or MTH 113 with a C or higher
Computer Science Principles (Equivalent of AP Computer Science Principles) (Math 4)	CS 104 – UA	MTH 112 or MTH 125
SOCIAL STUDIES COURSES		PREREQUISITE(S)
United States History I (Equivalent of Honors US History I - .5 weight) (US History I- Grade 10)	HIS 201 – Bevill/Shelton/Snead	High School GPA of 2.5
	HY 103 - UA	N/A
	HI 201 – UNA	N/A
United States History II (Equivalent of AP US History) (US History II – Grade 11)	HIS 202 – Bevill/Shelton/Snead	High School GPA of 2.5
	HY 104 - UA	N/A
	HY 202 – UNA	N/A
American National Government (Equivalent of AP US Government) (US Government)	POL 211 – Bevill/Shelton/Snead	High School GPA of 2.5
Principles of American Government (Equivalent of AP US Government) (US Government)	PSC 239 – Stillman	N/A
Introduction to Political Science (Equivalent of AP US Government) (US Government)	PSC 101 - UA	N/A
United States Government and Politics (Equivalent of AP US Government) (US Government)	PS 241 – UNA	N/A
Principles of Microeconomics (Equivalent of AP Microeconomics)) (Economics)	ECO 232 – Bevill/Shelton/Snead	High School GPA of 2.5
	EC 110 – UA	MATH 100 or higher, ACT Math score of 24, SAT Math score of 580 or Placement Test
	EC 252 – UNA	N/A
Principles of Macroeconomics (Equivalent of AP Macroeconomics (Economics)	ECO 231 – Bevill/Shelton/Snead	High School GPA of 2.5
	EC 111 – UA	EC 110
	EC 251 – UNA	N/A
CAREER TECHNICAL EDUCATION AND/OR FOREIGN LANGUAGE AND/OR ARTS EDUCATION		PREREQUISITE(S)
Career Technical Education	3 hours in approved course(s).	As required by program. Four-year plans should be utilized to assist in the course selection.
Foreign Language	3 hours in approved course(s).	As required by program. Four-year plans should be utilized to assist in the course selection.
Arts Education	3 hours in approved course(s).	As required by program. Four-year plans should be utilized to assist in the course selection.
ADDITIONAL ACADEMIC ELECTIVES		PREREQUISITE(S)
Additional Academic Electives	3 hours in approved course(s).	As required by program. Four-year plans should be utilized to assist in the course selection.

To ensure that students stay on track with their graduating class, the following chart specifies when students can take academic dual enrollment courses:

HIGH SCHOOL COURSE	WHEN CAN THEY TAKE IT FOR DUAL?		
US History I	Summer AFTER 9 <sup>th</sup> grade	Fall of 10 <sup>th</sup> grade	Spring of 10 <sup>th</sup> grade
English 11	Summer AFTER 10 <sup>th</sup> grade	Fall of 11 <sup>th</sup> grade	Spring of 11 <sup>th</sup> grade
US History II	Summer AFTER 10 <sup>th</sup> grade	Fall of 11 <sup>th</sup> grade	Spring of 11 <sup>th</sup> grade
Science Elective 3	Summer AFTER 10 <sup>th</sup> grade	Fall of 11 <sup>th</sup> grade	Spring of 11 <sup>th</sup> grade
English 12	Summer AFTER 11 <sup>th</sup> grade	Fall of 12 <sup>th</sup> grade	N/A*
US Government	Summer AFTER 11 <sup>th</sup> grade	Fall of 12 <sup>th</sup> grade	N/A*
Economics	Summer AFTER 11 <sup>th</sup> grade	Fall of 12 <sup>th</sup> grade	N/A*
4 <sup>th</sup> Math Credit***	N/A***	Fall of 12 <sup>th</sup> grade	N/A*
Science Elective 4	Summer AFTER 11 <sup>th</sup> grade	Fall of 12 <sup>th</sup> grade	N/A*

*\*Seniors can take academic dual enrollment courses needed for graduation credit in their final semester if they are (1) taught on the high school campus and (2) are taught by TCSS faculty members.*

ACCELERATED HIGH SCHOOL/CONCURRENT ENROLLMENT

**ACCELERATED HIGH SCHOOL:** Opportunities exist for students who may benefit from enrollment in higher education institutions prior to graduation from high school. If approved for early admission, a student may enroll, with the permission of the principal, in college-level courses that provide enrichment or accelerated learning. In order to enroll in academic courses, the student must have an overall 3.0 GPA. The student receives only college credit for courses taken through the early admission program.

ACCELERATED HIGH SCHOOL AT BEVILL STATE COMMUNITY COLLEGE AND SHELTON STATE COMMUNITY COLLEGE

Both Bevill State Community College and Shelton State Community College offer eligible high school sophomores, juniors and seniors the chance to enroll in college classes concurrently with high school classes. High school students will receive college credit only. Students may enroll in the accelerated high school program at both Bevill State Community College and Shelton State Community College the summer after beginning the 10<sup>th</sup> grade year.

CONCURRENT ENROLLMENT AT UA EARLY COLLEGE AND THE UNIVERSITY OF ALABAMA

The University of Alabama offers eligible sophomores, juniors and seniors the chance to enroll in college classes concurrently with high school classes. High school students will receive college credit only. Students may enroll in the accelerated high school program at UA Early College the summer after successfully completing the 9<sup>th</sup> grade year.

ADVANCED PLACEMENT AND HONORS COURSES

Advanced Placement (AP) and Honors coursework provides students with an opportunity for learning that goes beyond just the facts and figures. The rich course material, classroom discussions, and demanding assignments typical of AP and Honors courses will help students develop the content mastery and critical thinking skills expected of college students. AP and Honors courses help students improve their writing skills, sharpen problem-solving abilities, and develop time management skills. Additionally, by participating in AP, students have the opportunity to earn college credit and to stand out in the college admission process.

Students who choose Honors and AP coursework can expect the following:

- Significantly increased rigor – content is covered much more extensively.
- Additional outside class responsibilities – increased homework, reading, research, study, and participation in study groups (which will meet outside school hours).
- Frequent writing assignments – essays, research papers, etc.
- Additional resources required – calculators, outside reading materials, etc.
- Testing in a timed AP format.
- AP testing fees – amount varies based on grant fund availability.
- Weighted GPA credit (1.0 point for AP courses and 0.5 point for Honors). Students must take a comprehensive final exam in each Honors course to receive the weighted credit and are required to take the National AP Exam developed by the College Board in each AP course to receive the weighted credit.
- Students who take year-long AP courses may not drop the class after the first semester.
- Students and parents should carefully weigh the unique demands of the Honors and AP coursework with the student's demonstrated ability, extracurricular obligations, motivation, and work ethic to determine whether or not the Honors/AP coursework is the right course choice. Additional information about the AP program can be found at [www.collegeboard.org](http://www.collegeboard.org).
- If an AP student commits a Class III offense and is assigned to an alternative academic administrative option (LWEC Alternative Program– Project BETHEL – SPAN), the student will be given the opportunity to take an AP course through ACCESS Virtual Learning. If the student chooses this option, he/she will be expected to finish the AP course through ACCESS Virtual Learning even upon returning to his/her respective school. For any fall semester two nine weeks AP course, this option is not available after October 1<sup>st</sup>. For any four nine weeks AP course or any spring semester two-nine weeks AP course, this option is not available after March 1<sup>st</sup>. Students will bear the cost of ACCESS Virtual Learning AP courses. If the student does not choose this option, he/she will be enrolled in regular level courses for the remainder of the school year.

GRADUATION REQUIREMENTS FOR GRADUATING CLASS OF 2028 (STUDENTS MUST REFER TO THE COURSE CATALOG UNDER WHICH THEY ENTERED HIGH SCHOOL)				
ALL REQUIREMENTS MUST BE MET FOR PARTICIPATION IN THE GRADUATION CEREMONY. All graduates must complete a unit in Financial Literacy, complete the FAFSA (or approved waiver) and meet at least one College and Career Readiness Indicator.* The focus will be on the coursework taken that necessitates a clearly articulated and individualized four-year plan built by each student. Students are encouraged to consult school administrators, school counselors, teachers, and post-secondary institutions to determine best course selections. Post-secondary institutions have varying entrance requirements; therefore, it is the responsibility of the student to determine from the specific post-secondary institutions the appropriate high school courses needed. All students earning a high school diploma in the Tuscaloosa County School System must have a minimum of 24 units.				
COURSES	REQUIREMENTS TO RECEIVE AN ALABAMA HIGH SCHOOL DIPLOMA	CREDITS	REQUIREMENTS TO RECEIVE ACADEMIC DISTINCTION TO THE ALABAMA HIGH SCHOOL DIPLOMA	CREDITS
ENGLISH LANGUAGE ARTS (4 CREDITS)	EQUIVALENT/SUBSTITUTE OPTIONS MAY INCLUDE: <ul style="list-style-type: none"><li>SDE APPROVED COURSES (I.E. ESSENTIAL SKILLS PATHWAY COURSES)</li><li>ADVANCED <u>OR</u> HONORS COURSES</li><li>ADVANCED PLACEMENT COURSES</li><li>POST-SECONDARY COURSES</li></ul>		EQUIVALENT OPTIONS MAY INCLUDE: <ul style="list-style-type: none"><li>POST-SECONDARY COURSES</li></ul>	
	ENGLISH 9 <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED <u>OR</u> HONORS ENGLISH 9	1
	ENGLISH 10 <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED <u>OR</u> HONORS ENGLISH 10	1
	ENGLISH 11 <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED ENGLISH 11 <u>OR</u> AP LANGUAGE AND COMPOSITION <u>OR</u> AP LITERATURE AND COMPOSITION	1
	ENGLISH 12 <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED ENGLISH 12 <u>OR</u> AP LANGUAGE AND COMPOSITION <u>OR</u> AP LITERATURE AND COMPOSITION	1
MATHEMATICS NOTE: Students who earned a credit for Algebra I in the 8 <sup>th</sup> grade are required to earn four math credits in high school. They will be required to schedule a math class each year while in grades 9-12. (4 CREDITS)	EQUIVALENT/SUBSTITUTE OPTIONS MAY INCLUDE: <ul style="list-style-type: none"><li>SDE APPROVED COURSES (I.E. ESSENTIAL SKILLS PATHWAY COURSES)</li><li>CAREER AND TECHNICAL EDUCATION COURSES</li><li>ADVANCED OR HONORS COURSES</li><li>ADVANCED PLACEMENT COURSES</li><li>POST-SECONDARY COURSES</li></ul>		EQUIVALENT OPTIONS MAY INCLUDE: <ul style="list-style-type: none"><li>SDE APPROVED COURSES</li><li>POST-SECONDARY COURSES</li></ul>	
	GEOMETRY WITH DATA ANALYSIS <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED <u>OR</u> HONORS GEOMETRY WITH DATA ANALYSIS <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1
	ALGEBRA I WITH PROBABILITY <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED <u>OR</u> HONORS ALGEBRA I WITH PROBABILITY <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1
	ALGEBRA II WITH STATISTICS <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED <u>OR</u> HONORS ALGEBRA II WITH STATISTICS <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1
	APPLICATIONS OF FINITE MATH <u>OR</u> MATHEMATICAL MODELING <u>OR</u> EQUIVALENT	1	PRE-CALCULUS <u>OR</u> HONORS PRE-CALCULUS <u>OR</u> AP CALCULUS <u>OR</u> AP STATISTICS <u>OR</u> AP COMPUTER SCIENCE <u>OR</u> DUAL ENROLLMENT COURSE (MATH 112 OR ABOVE)	1
	SEE POSSIBLE PATHWAYS FOR MATH ON PAGE 15			
SCIENCE (4 CREDITS) *STUDENTS MUST EARN THE REQUIRED BIOLOGY AND PHYSICAL SCIENCE CREDITS BEFORE ENROLLING IN DUAL ENROLLMENT SCIENCES.	EQUIVALENT/SUBSTITUTE OPTIONS MAY INCLUDE: <ul style="list-style-type: none"><li>SDE APPROVED COURSES (I.E. ESSENTIAL SKILLS PATHWAY COURSES)</li><li>CAREER AND TECHNICAL EDUCATION</li><li>ADVANCED OR HONORS/PRE-AP COURSES</li><li>ADVANCED PLACEMENT</li><li>POST-SECONDARY COURSES</li></ul>		EQUIVALENT OPTIONS MAY INCLUDE: <ul style="list-style-type: none"><li>POST-SECONDARY COURSES</li></ul>	
	BIOLOGY <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED <u>OR</u> HONORS BIOLOGY	1
	A PHYSICAL SCIENCE (I.E. PHYSICAL SCIENCE, CHEMISTRY, PHYSICS) <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED <u>OR</u> HONORS CHEMISTRY	1
	ALABAMA COURSE OF STUDY FOR SCIENCE OR EQUIVALENT/SUBSTITUTE COURSES FROM CAREER AND TECHNICAL EDUCATION/ADVANCED PLACEMENT/POST-SECONDARY COURSES/SDE APPROVED COURSES	1	AN ADDITIONAL ADVANCED, HONORS, <u>OR</u> AP SCIENCE CREDIT <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1
	ALABAMA COURSE OF STUDY FOR SCIENCE OR EQUIVALENT/SUBSTITUTE COURSES FROM CAREER AND TECHNICAL EDUCATION/ADVANCED PLACEMENT/POST-SECONDARY COURSES/SDE APPROVED COURSES	1	AN ADDITIONAL ADVANCED, HONORS, <u>OR</u> AP SCIENCE CREDIT <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1
SOCIAL STUDIES (4 CREDITS)	EQUIVALENT/SUBSTITUTE OPTIONS MAY INCLUDE: <ul style="list-style-type: none"><li>SDE APPROVED COURSES (I.E. ESSENTIAL SKILLS PATHWAY COURSES)</li><li>ADVANCED OR HONORS/PRE-AP COURSES</li><li>ADVANCED PLACEMENT COURSES</li><li>POST-SECONDARY COURSES</li></ul>		EQUIVALENT OPTIONS MAY INCLUDE: <ul style="list-style-type: none"><li>POST-SECONDARY COURSES</li></ul>	
	WORLD HISTORY SINCE 1500 <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED <u>OR</u> HONORS WORLD HISTORY SINCE 1500	1
	U.S. HISTORY I <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED <u>OR</u> HONORS U.S. HISTORY I <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1
	U.S. HISTORY II <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED <u>OR</u> HONORS U.S. HISTORY II OR AP UNITED STATES HISTORY <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	1
	U.S. GOVERNMENT <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	0.5	ADVANCED U.S. GOVERNMENT OR AP U.S. GOVERNMENT <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	0.5
	ECONOMICS <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	0.5	ADVANCED ECONOMICS OR AP MACROECONOMICS <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	0.5
BEGINNING KINESIOLOGY (1 CREDIT)	BEGINNING KINESIOLOGY <u>OR</u> ONE JROTC CREDIT <u>OR</u> ONE MARCHING-CONCERT BAND CREDIT <u>OR</u> **ONE MARCHING-SYMPHONIC BAND CREDIT** <u>OR</u> ONE DANCE LINE CREDIT <u>OR</u> ONE FLAG CORPS/COLOR GUARD CREDIT <u>OR</u> ONE MAJORETTE CREDIT	1	BEGINNING KINESIOLOGY <u>OR</u> ONE JROTC CREDIT <u>OR</u> ONE MARCHING-CONCERT BAND CREDIT <u>OR</u> **ONE MARCHING-SYMPHONIC BAND CREDIT** <u>OR</u> ONE DANCE LINE CREDIT <u>OR</u> ONE FLAG CORPS/COLOR GUARD CREDIT <u>OR</u> ONE MAJORETTE CREDIT	1
HEALTH EDUCATION (0.5 CREDITS)	ALABAMA COURSE OF STUDY: HEALTH EDUCATION <u>OR</u> ITS EQUIVALENT/SUBSTITUTE	0.5	ALABAMA COURSE OF STUDY: HEALTH EDUCATION <u>OR</u> ITS EQUIVALENT	0.5
CAREER PREPAREDNESS (1 CREDIT)	CAREER PREPAREDNESS COURSE <u>OR</u> SUBSTITUTE (May not be used to fulfill one of the CTE Credits listed below)	1	CAREER PREPAREDNESS COURSE (May not be used to fulfill one of the CTE Credits listed below)	1
CTE AND/OR FOREIGN LANGUAGE AND/OR ARTS EDUCATION (3 CREDITS)	STUDENTS CHOOSING CTE, ARTS EDUCATION, AND/OR FOREIGN LANGUAGE ARE ENCOURAGED TO COMPLETE TWO COURSES IN SEQUENCE. <u>OR</u> *COMMUNITY-BASED WORK INSTRUCTION; TWO CTE COURSES IN A SEQUENCE; WORKFORCE ESSENTIALS <u>OR</u> TRANSITION SERVICES; COOPERATIVE EDUCATION/WORK-BASED EXPERIENCE <u>OR</u> **AAS LIFE SKILLS COURSES. *FOR STUDENTS EARNING CORE CREDIT THROUGH THE ESSENTIALS/LIFE SKILLS COURSES. **FOR STUDENTS EARNING CORE CREDIT THROUGH ALTERNATE ACHIEVEMENT.	3	STUDENTS WILL BE REQUIRED TO CHOOSE ONE FOREIGN LANGUAGE. STUDENTS CHOOSING CTE, ARTS EDUCATION, AND/OR FOREIGN LANGUAGE ARE ENCOURAGED TO COMPLETE TWO COURSES IN SEQUENCE.	3 NOTE: ONE OF THE THREE CREDITS MUST BE A FOREIGN LANGUAGE
ELECTIVES (REMAINING CREDITS)	*STUDENTS EARNING CORE CREDIT THROUGH THE ESSENTIALS/LIFE SKILLS COURSES ARE REQUIRED TO TAKE COMMUNITY-BASED WORK INSTRUCTION; TWO CTE COURSES IN A SEQUENCE; WORKFORCE ESSENTIALS <u>OR</u> TRANSITION SERVICES; COOPERATIVE EDUCATION/WORK-BASED EXPERIENCE **AAS VOCATIONAL, AAS COMMUNITY BASED INSTRUCTION, AND/OR AAS ELECTIVE COURSE	REMAINING CREDITS		REMAINING CREDITS
TOTAL CREDITS REQUIRED FOR GRADUATION		24		24



CERTIFICATE OF ATTENDANCE	Based on the State Board of Education’s mandate requiring students to earn the required Carnegie units to receive a State-approved diploma, the Board authorizes the issuance of a CERTIFICATE of attendance based on the following provisions: <b>Special education students</b> , with the exception of the gifted, shall follow the objectives established for them at the annual IEP meeting by the IEP Committee. After unsuccessfully attempting the required Carnegie units for an Alabama High School Diploma, the student may elect to receive a Certificate of Attendance and proceed through the graduation ceremony. The student will have the same opportunities to participate in all other activities associated with graduation from high school. The Certificate of Attendance is available only to students with disabilities as defined under IDEA. It certifies completion of an Individualized Education Program. A student who receives a Certificate of Attendance may continue to work toward the Alabama High School Diploma to age 21 with IDEA services. The Certificate of Attendance is not an exit document and it is not accepted by post-secondary institutions, military recruiters nor most employers.
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**\*As approved by the State of Alabama’s Legislature, all students (beginning with the Class of 2026) must meet at least one College and Career Readiness Indicator to be eligible for graduation. As defined by Alabama State Department of Education, recognized College and Career Readiness Indicators offered in the Tuscaloosa County School System include:**

- **ACT Benchmark (English = 18, Math = 22, Reading = 22, Science Reasoning =23)**
- **Qualifying AP Score (3, 4, or 5 on a scale of 1-5)**
- **Silver Level or higher on the ACT WorkKeys Assessment (A score of at least 4 on all three areas of the assessment)**
- **College credit taken and passed while in high school**
- **Career and Technical Program Credential**
- **Career and Technical Program Completer**
- **Enlistment in the Armed Forces before graduation**
- **Completion of a Youth Apprenticeship**

Each high school student is required to have a four-year plan. It is critical that the plan reflects the student’s aspirations for life after high school. Careful consideration should be given to the selection of electives, substitute courses, and equivalent courses to ensure that a student is prepared for post-secondary, four-year college and work. Parents, students and school personnel should continue to review NCAA requirements for prospective student athletes before selecting and approving electives, substitute courses, or equivalent courses.

For clarification purposes, the definitions below will apply to courses identified as:

- **Equivalent** – the course includes at least a 90% match in standards
- **Substitute** – the course is approved as an appropriate replacement, but is not equivalent as defined above.

The ALSDE will continue to expand equivalent and substitute course offerings.

**OTHER CLARIFICATIONS:**

**Math**

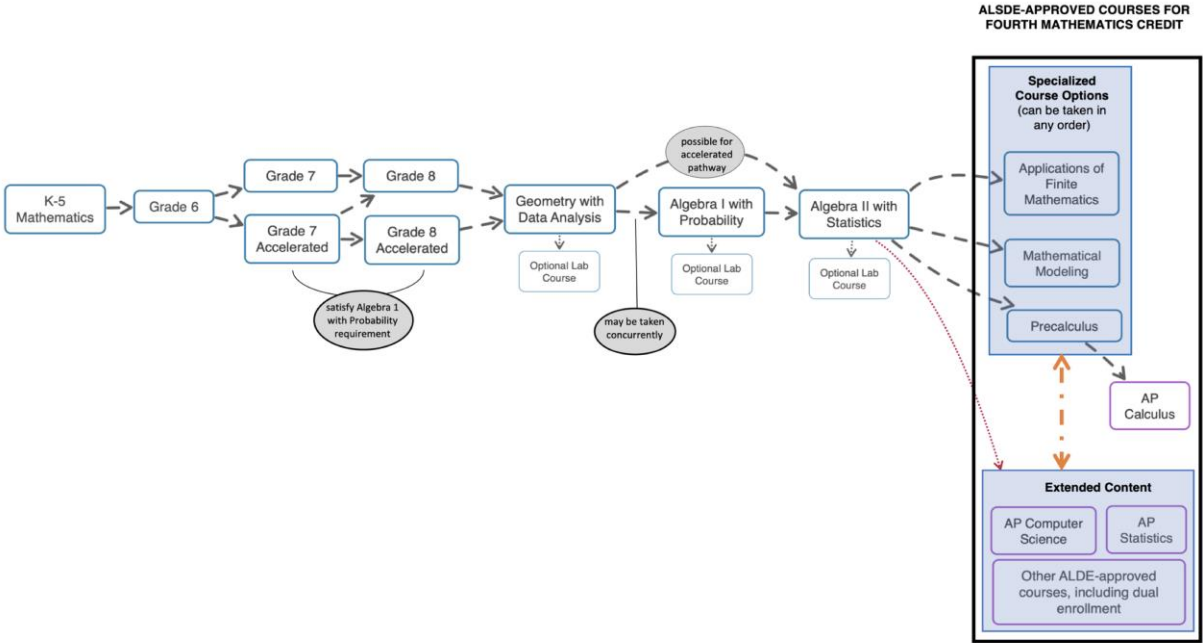
A student’s plans for college or post-secondary should be considered when selecting any substitute course.

There are several pathways by which a student can meet the high school graduation requirements for earning four credits in mathematics in grades 9-12.

- Possible math pathways using General Education Courses Only and Combination of General Education Courses and Special Education Courses
- Possible math pathways using Essentials Pathway Only

**Essential Skills Pathway and Alternate Achievement Standards Pathway**

The Alabama High School Graduation Requirements Substitute Courses for Special Education Students are intended for students with IEPs. The Curriculum Guide to the Alabama Course of Study contains the course content for students following the Essentials/Life Skills Pathway. As stated above, careful consideration should be given before a student is allowed to take one of the courses. None of these courses will be accepted in a four-year university nor will they be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting one of these courses.



COURSES FULFILLING CORE REQUIREMENTS

ACADEMIC – DUAL ENROLLMENT – CAREER & TECHNICAL EDUCATION

MATHEMATICS

CORE COURSES

AAS: Mathematics 9  
AAS: Mathematics 10  
AAS: Mathematics 11  
AAS: Mathematics 12  
Essentials Geometry w/ Data Analysis  
Essentials Algebra I w/ Probability  
Essentials Algebra II w/Statistics  
Essentials Algebra with Finance  
Essentials Mathematical Modeling  
Geometry with Data Analysis  
Geometry with Data Analysis, Advanced  
Geometry with Data Analysis, Honors  
Algebra I with Probability  
Algebra I with Probability, Advanced  
Algebra I with Probability, Honors  
Algebra II with Statistics  
Algebra II with Statistics, Advanced  
Algebra II with Statistics, Honors  
Algebra w/ Finance  
Applications of Finite Mathematics  
Mathematical Modeling  
Pre-Calculus  
Pre-Calculus, Honors  
Calculus  
Calculus AB, AP  
Calculus BC, AP  
Statistics, AP

DUAL ENROLLMENT COURSES

The following post-secondary level math courses may be used to fulfill the fourth credit in math.

Students may choose from the following courses to serve as their fourth credit in math:

- Intermediate College Algebra
- Finite Mathematics
- Pre-Calculus Algebra
- Pre-Calculus Trigonometry
- Calculus I
- Calculus II
- Computer Science 1 for Majors
- Computer Science Principles

One post-secondary level math course may be used by students dually enrolled in a technical program to fulfill the fourth math:

- Mathematical Applications

See dual enrollment section on pages 10-13 for detailed information.

CTE COURSES – SUBSTITUTES

The ALSDE has identified two CTE courses that may be used to fulfill either the fourth math requirement **OR** be used to fulfill one of the three credit requirements in CTE/Foreign Language/Arts Education category.

The CTE Substitutes for Mathematics may not be used to fulfill both a core course and a CTE course; however, they may be used to earn completer status regardless of whether the course is used as a CTE course or as the fourth credit in math.

Students may choose one of the following to serve as their fourth credit in mathematics:

- Career Mathematics
- Computer Science Principles, AP
- Intro to Digital Literacy and Computer Science

SCIENCE

CORE COURSES

AAS: Science 9  
AAS: Science 10  
AAS: Science 11  
AAS: Science 12  
Essentials: Biology  
Essentials: Physical Science  
Essentials: Earth and Space  
Essentials: Environmental Science  
Essentials: Human Anatomy and Physiology  
Anatomy/Physiology, Advanced  
Biology  
Biology, Advanced.  
Biology, Honors  
Biology, AP  
Chemistry  
Chemistry, Advanced  
Chemistry, Honors  
Chemistry, AP  
Earth and Space Science  
Environmental Science  
Environmental Science, AP  
Physical Science  
Physics  
Physics, Honors  
Physics 1: Algebra Based, AP  
Physics 2: Algebra Based, A  
Physics C: Mechanics, AP  
Physics C: Electricity and Magnetism, AP

DUAL ENROLLMENT COURSES

The following post-secondary level science courses may be used to fulfill the third and/or fourth credit in science.

Students may choose up to two of the following courses to serve as their third and/or fourth credit in science:

- Introduction to Biology I
- Introduction to Biology II
- Principles of Biology I
- Principles of Biology II
- Introductory Chemistry
- College Chemistry I
- College Chemistry II
- General Physics I – Trig Based
- General Physics II – Trig Based
- General Physics with Cal I
- General Physics with Cal II
- Introduction to Geology I
- Introduction to Geology II
- Computer Science 1 for Majors
- Computer Science Principles

See dual enrollment section on pages 10-13 for detailed information.

CTE COURSES – SUBSTITUTES

The ALSDE has identified nine CTE courses that may be used to fulfill either the third and/or fourth credit in science **OR** be used to fulfill one or more of the three credit requirements in CTE/Foreign Language/Arts Education category.

**\*\*\*NOTE:** Of the nine CTE courses identified by the ALSDE, eight of them may be offered either in the Tuscaloosa County School System and/or in the Tuscaloosa City School System at TCTA. The CTE substitutes for science may not be used to fulfill both a core course and a CTE course; however, they may be used to earn completer status regardless of whether the course is used as a CTE course or as the third and/or fourth credit in science.

Students may choose up to two of the following courses to serve as their third and/or fourth credit in science:

- Chemistry of Food\*\*\* (similar to Chemistry)
- Forensic and Criminal Investigations\*\*\*
- Plant Biotechnology\*\*\*
- Aquaculture Science\*\*\*
- Environmental Management\*\*\* (similar to Environmental Science)
- Introduction to Biotechnology\*\*\*
- Intro to Digital Literacy and Computer Science
- Human Body Structures and Functions\*\*\* (similar to Anatomy/Physiology)
- PLTW Human Body Systems (similar to Anatomy/Physiology)
- PLTW Principles of Engineering\*\*\*

ENGLISH

CORE COURSES

AAS: English Language Arts 9  
AAS: English Language Arts 10  
AAS: English Language Arts 11  
AAS: English Language Arts 12  
English Essentials 9  
English Essentials 10  
English Essentials 11  
English Essentials 12  
English 9  
English 9, Advanced  
English 9, Honors  
English 10  
English 10, Advanced.  
English 10, Honors  
English 11  
English 11, Advanced  
English 12  
English 12, Advanced  
AP Language and Composition  
AP Literature and Composition

DUAL ENROLLMENT COURSES

The following post-secondary level English courses may be used to fulfill either the third and/or fourth credit in English.

- English Composition I
- English Composition II

SOCIAL STUDIES

CORE COURSES

AAS: Social Studies 9  
AAS: Social Studies 10  
AAS: Social Studies 11  
AAS: Social Studies 12  
Essentials I: World History  
Essentials II: U.S. History to 1877  
Essentials III: U.S. History from 1877  
Essentials IV: Economics  
Essentials IV: U.S. Government  
World History: 1500 to Present  
World History: 1500 to Present, Advanced  
World History: 1500 to Present, Honors  
U.S. History I  
U.S. History I, Advanced  
U.S. History I, Honors  
U.S. History II  
U.S. History II, Advanced  
U.S. History, AP  
U.S. Government/Economics  
U.S. Government, Advanced /Economics, Advanced  
U.S. Government and Politics, AP  
Macroeconomics, AP

DUAL ENROLLMENT COURSES

The following post-secondary level courses may be used to fulfill credits in Social Studies. The courses are as follows:

- U.S. History I
- U.S. History II
- American National Government
- Introduction to Political Science
- Principles of Macroeconomics

Students may choose either American National Government **OR** Introduction to Political Science to fulfill the U.S. Government requirement.

Students may choose Principles of Macroeconomics to fulfill the economics requirement.

**NOTE: Courses approved by NCAA are listed on the NCAA Eligibility Center site ([www.eligibilitycenter.org](http://www.eligibilitycenter.org)).**

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# Alabama

## College- and Career-Ready

### Standards & Support

*Navigating Success for All...*



## GRADES 9-12

Courses are one year, one credit unless otherwise noted. Schools have the option of offering some elective courses as half-credit courses. Each school retains the right to determine which classes will be offered as one-half credit or one credit courses based on the needs of the local school's student population.

\*Indicates advanced level courses which satisfy the requirements for Academic Distinction.

\*\*Advanced Placement courses are high school courses taught at the college level. Completion of Advanced Placement courses and satisfactory performance on the related AP exams may enable students to receive advanced credit and/or placement upon entering college. Students enrolled in any AP course must take the AP exam; students who do not sit for the exam will not earn AP weighted credit. The fees for all Advanced Placement courses are \$25 plus the AP exam.

### ENGLISH LANGUAGE ARTS

#### ALTERNATE ACHIEVEMENT STANDARDS PATHWAY

**AAS: English Language Arts 9** - This course is for students who are enrolled in English language arts using alternate achievement standards which are aligned to the Alabama Course of Study. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: None Fee: None

**AAS: English Language Arts 10** - This course is for students who are enrolled in English language arts using alternate achievement standards which are aligned to the Alabama Course of Study. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Fee: None  
Prerequisite: Course fulfilling English 9 requirement

**AAS: English Language Arts 11** - This course is for students who are enrolled in English language arts using alternate achievement standards which are aligned to the Alabama Course of Study. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Fee: None  
Prerequisite: Course fulfilling English 10 requirement

**AAS: English Language Arts 12** - This course is for students who are enrolled in English language arts using alternate achievement standards which are aligned to the Alabama Course of Study. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Fee: None  
Prerequisite: Course fulfilling English 11 requirement

#### ESSENTIAL SKILLS PATHWAY

**English Essentials 9** - This 9<sup>th</sup> grade course 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 post-secondary education and employment. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: None Fee: None

**English Essentials 10** - This 10<sup>th</sup> grade course 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 post-secondary education and employment. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: Course fulfilling English 9 requirement Fee: None

**English Essentials 11** - This 11<sup>th</sup> grade course 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 post-secondary education and employment. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: Course fulfilling English 10 requirement Fee: None

**English Essentials 12** - This 12<sup>th</sup> grade course 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 post-secondary education and employment. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: Course fulfilling English 11 requirement Fee: None

**GENERAL EDUCATION PATHWAY**

**English 9** - English 9 develops student competency in English usage and mechanics, oral and written communication, and classical and contemporary literature. Topics of study include poetry, the novel, essays, library research skills, short stories, and creative writing. Basic grammar skills are practiced in student writings. Students use analytical and critical thinking skills while examining the various literary forms. Prerequisite: None Fee: None

**English 9, Advanced\*** - Advanced English 9 expands upon students' competencies in English usage and mechanics, oral and written communication, and classical and contemporary literature. Activities are designed to offer in-depth studies of poetry, novels, essays, short stories, and dramatic literature. Students use library research skills, analytical and critical thinking skills, and creative writing abilities to demonstrate English proficiency. Grammar studies include advanced composition, clauses, and phrases, as well as improved effectiveness in expository, persuasive, descriptive, and narrative writing. Prerequisite: None Fee: None

**English 9, Honors\*** - Honors English program is designed for students who have the highest level of English achievement and aptitude. Critical thinking, expression, and understanding are expected from students in preparation for taking the AP English classes and examinations. In this course, students will be expected to read a larger body of literary works and will develop those skills necessary to successfully compose literary, analytical essays that are grammatically and structurally correct. Students will work at an accelerated pace. Prior summer reading is a requirement for this class. Students receive 0.5 extra quality points for successfully completing this class. Students must take the comprehensive course final examination for weighted credit. Prerequisite: None Fee: None

**English 10** - English 10 integrates listening, speaking, reading, and writing through studies of literature and composition. Types of literature studied include biographies, autobiographies, essays, short stories, and novels. Students explore American literature to 1877, employing critical and analytical evaluation of literary works. Written expression lessons allow students to develop and demonstrate skills in composition, grammar usage, and the writing process. Prerequisite: Course fulfilling English 9 requirement Fee: None

**English 10, Advanced\*** - Advanced English 10 expands students' knowledge of English usage and mechanics, oral and written communication, and American literature to 1877. Class activities focus on analytical and critical thinking, advanced composition, and library research. Students examine, compare, discuss, and write about poetry, novels, short stories, essays, and drama. Prerequisite: Course fulfilling English 9 requirement Fee: None

**English 10, Honors\*** - Honors English 10 is designed for students who have the highest level of English achievement and aptitude. Honors English 10 will provide a comprehensive study of early American literature with related world literature and English grammar. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis will be placed on literary analysis in writing, and students will be required to write a research paper. In addition to the outside readings required during this class, students will also be responsible for prior summer reading. Students receive 0.5 extra quality points for successfully completing this class. Students must take the comprehensive course final examination for weighted credit. Prerequisite: Course fulfilling English 9 requirement Fee: None

**English 11** - English 11 is a combination of the study of American literature since 1877 and communication in the workplace. The study of grammar and composition is incorporated with both areas of study. The course provides preparation for students who plan to attend college or technical school. Students survey American literature representing these literary types: short story, novel, poetry, drama, and essay. Prerequisite: Course fulfilling English 10 requirement Fee: None

**English 11, Advanced\*** - This course provides advanced 11<sup>th</sup> grade students opportunities to enhance abilities in written and oral communication through the study of composition and American literature since 1877. Students correlate American authors and their works with American history. Students participate in research activities, original writing, and critical analysis of literature. Prerequisite: Course fulfilling English 10 requirement Fee: None

**English 12** - English 12 combines the study of British literature and communication in the workplace. The course prepares students for college and/or technical school after high school. Students survey British authors and works of these literary types: short story, novel, poetry, drama, and essay. Students participate in library research, complete group and individual projects, produce original writings, and conduct analyses of literature using both written and oral communication skills. Students review English skills necessary for success on scholastic aptitude tests and post-secondary school admission tests. Prerequisite: Course fulfilling English 11 requirement Fee: None

**English 12, Advanced\*** - This course provides advanced 12<sup>th</sup> grade students with opportunities to enhance their abilities in written and oral communication through studies of composition and British literature. Students study the works of British authors as a basis for literary analysis. Students improve language skills through research activities, original writing, and critical analysis of literature. Prerequisite: Course fulfilling English 11 requirement Fee: None

**Advanced Placement Language and Composition\* \*\*** - Advanced Placement (AP) Language and Composition is a college-level course that follows the guidelines of The College Board. This course is designed to help students become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and to become skilled writers who can compose for a variety of purposes. By their writing and reading in this course, students should become aware of the interactions among writers' purposes, audience expectations and subjects. In addition, the informed use of research materials and the ability to synthesize varied sources (to evaluate, use, and cite sources) are integral parts of this course. Students will engage in the development of projects that call on them to evaluate the legitimacy and purpose of sources used. Prior summer reading is a requirement for this class. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students will receive a 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit. Prerequisite: Course fulfilling English 10 requirement or course fulfilling English 11 requirement Fee: \$25 plus AP exam fee

**Advanced Placement Literature and Composition\* \*\*** - Advanced Placement (AP) Literature and Composition is a college-level course that follows the guidelines of The College Board. AP Literature and Composition affords high school students the opportunity to study college-level English. Literary studies include classical and contemporary works from Europe, Great Britain, and the United States. College-level composition studies include both impromptu and researched writing activities. Extensive reading is required, as well as a variety of writing assignments throughout the course. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit. Prerequisite: Course fulfilling English 10 requirement or course fulfilling English 11 requirement Fee: \$25 plus AP exam fee

# MATHEMATICS

## ALTERNATE ACHIEVEMENT STANDARDS PATHWAY

**AAS: Mathematics 9** - This course is for students who are enrolled in math using alternate achievement standards which are aligned to the Alabama Course of Study. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: None Fee: None

**AAS: Mathematics 10** - This course is for students who are enrolled in math using alternate achievement standards which are aligned to the Alabama Course of Study. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: AAS Mathematics 9 Fee: None

**AAS: Mathematics 11** - This course is for students who are enrolled in math using alternate achievement standards which are aligned to the Alabama Course of Study. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: AAS Mathematics 10 Fee: None

**AAS: Mathematics 12** - This course is for students who are enrolled in math using alternate achievement standards which are aligned to the Alabama Course of Study. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: AAS Mathematics 11 Fee: None

## ESSENTIAL SKILLS PATHWAY

**Essentials Geometry with Data Analysis** - Essentials Geometry with Data Analysis is the first of three required courses in high school mathematics for students on the Essentials Pathway. In Essentials Geometry with Data Analysis, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. Prerequisite: Grade 8 Mathematics Fee: None

**Essentials Algebra I with Probability** - Essentials Algebra I with Probability builds upon algebraic concepts studied in Grade 7 and Grade 8 Mathematics. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics. Essentials Algebra I with Probability is the second of three courses required for students on the Essentials Pathway. Prerequisite: Essentials Geometry with Data Analysis Fee: None

**Essentials Algebra II with Statistics** - Essentials Algebra II with Statistics builds on the students' experiences in previous mathematics in Essentials Geometry with Data Analysis and Essentials Algebra I with Probability. It is the third of three required courses for students on the Essentials Pathway. It is the culmination of the three years of required mathematics content and sets the stage for continued study of topics specific to the student's interests and plans beyond high school. Essentials Algebra II with Statistics is the prerequisite for Essentials Algebra with Finance and Essentials Mathematical Modeling. Prerequisite: Essentials Algebra I with Probability Fee: None

**Essentials Mathematical Modeling** - Essentials Mathematical Modeling is developed to expand on and reinforce the concepts introduced in Essentials Geometry with Data Analysis, Essentials Algebra I with Probability, and Essentials Algebra II with Statistics by applying them in the context of mathematical modeling to represent and analyze data and make predictions regarding real-world phenomena. Essentials Mathematical Modeling is designed to engage students in doing, thinking about, and discussing mathematics, statistics, and modeling in everyday life. It allows students to experience mathematics and its applications in a variety of ways that promote financial literacy and data-based decision-making skills. Note: Students may not receive credit for both Essentials Mathematical Modeling and Essentials Algebra with Finance, as Essentials Mathematical Modeling includes mathematics content that also appears in the Essentials Algebra with Finance course. Prerequisite: Essentials Algebra II with Statistics Fee: None

**Essentials Algebra with Finance** - 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. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: Essentials Geometry with Data Analysis Fee: None

## GENERAL EDUCATION PATHWAY

**Geometry with Data Analysis** - Geometry with Data Analysis is the first of three required courses in high school mathematics. In Geometry with Data Analysis, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. For students who opt to accelerate their mathematical pathways in the 9th grade, Geometry with Data Analysis may also be taken concurrently with Algebra I with Probability. Prerequisite: Math 8 or Accelerated Math 8 Fee: None

**Geometry with Data Analysis, Advanced** - Advanced Geometry with Data Analysis is the first of three required courses in high school mathematics. In Advanced Geometry with Data Analysis, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. For students who opt to accelerate their mathematical pathways in the 9th grade, Advanced Geometry with Data Analysis may also be taken concurrently with Algebra I with Probability. Prerequisite: Math 8 or Accelerated Math 8 Fee: None



**Geometry with Data Analysis, Honors\*** - Honors Geometry with Data Analysis is the first of three required courses in high school mathematics. In Honors Geometry with Data Analysis, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. For students who opt to accelerate their mathematical pathways in the 9th grade, Honors Geometry with Data Analysis may also be taken concurrently with Algebra I with Probability. The workload in this course requires students to move at an accelerated pace. Students receive 0.5 extra quality points for successfully completing this class. Students must take the comprehensive course final exam to receive weighted credit.  
Prerequisite: Math 8 or Accelerated Math 8

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Fee: None

**Algebra I with Probability** – Algebra I with Probability builds upon algebraic concepts studied in Grade 7 and Grade 8 mathematics. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics. Algebra I with Probability is the second of three courses required for all students. Students may enroll in this course after completing Geometry with Data Analysis in Grade 9 or by completing both Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics. Students who wish to accelerate their mathematics pathways in high school may also elect to enroll in Algebra I with Probability concurrently with Geometry with Data Analysis in the 9<sup>th</sup> grade  
Prerequisites: Geometry with Data Analysis

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Fee: None

**Algebra I with Probability, Advanced** – Advanced Algebra I with Probability builds upon algebraic concepts studied in Grade 7 and Grade 8 mathematics. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics. Algebra I with Probability is the second of three courses required for all students. Students may enroll in this course after completing Geometry with Data Analysis in Grade 9 or by completing both Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics. Students who wish to accelerate their mathematics pathways in high school may also elect to enroll in Algebra I with Probability concurrently with Geometry with Data Analysis in the 9<sup>th</sup> grade  
Prerequisites: Geometry with Data Analysis

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Fee: None

**Algebra I with Probability, Honors** – Honors Algebra I with Probability builds upon algebraic concepts studied in Grade 7 and Grade 8 mathematics. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics. Algebra I with Probability is the second of three courses required for all students. Students may enroll in this course after completing Geometry with Data Analysis in Grade 9 or by completing both Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics. Students who wish to accelerate their mathematics pathways in high school may also elect to enroll in Algebra I with Probability concurrently with Geometry with Data Analysis in the 9<sup>th</sup> grade  
Prerequisites: Honors Geometry with Data Analysis

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Fee: None

**Algebra II with Statistics** – Algebra II with Statistics builds on the students' foundation from two previous mathematics courses, Geometry with Data Analysis and Algebra I with Probability. It is the third of three required courses and is to be taken following the successful completion of Geometry with Data Analysis and either Algebra I with Probability or the combination of the Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics course sequence. It is the culmination of the three years of required mathematics content and sets the stage for continued study of topics specific to the student's interests and plans beyond high school. Algebra II with Statistics is the prerequisite for Applications of Finite Mathematics, Mathematical Modeling, Precalculus, and all other approved ALSDE mathematics classes designed for completion of a student's fourth mathematics credit.  
Prerequisites: None

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Fee: None

**Algebra II with Statistics, Advanced** – Advanced Algebra II with Statistics builds on the students' foundation from two previous mathematics courses, Geometry with Data Analysis and Algebra I with Probability. It is the third of three required courses and is to be taken following the successful completion of Geometry with Data Analysis and either Algebra I with Probability or the combination of the Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics course sequence. It is the culmination of the three years of required mathematics content and sets the stage for continued study of topics specific to the student's interests and plans beyond high school. Algebra II with Statistics is the prerequisite for Applications of Finite Mathematics, Mathematical Modeling, Precalculus, and all other approved ALSDE mathematics classes designed for completion of a student's fourth mathematics credit.  
Prerequisites: None

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Fee: None

**Algebra II with Statistics, Honors** – Honors Algebra II with Statistics builds on the students' foundation from two previous mathematics courses, Geometry with Data Analysis and Algebra I with Probability. It is the third of three required courses and is to be taken following the successful completion of Geometry with Data Analysis and either Algebra I with Probability or the combination of the Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics course sequence. It is the culmination of the three years of required mathematics content and sets the stage for continued study of topics specific to the student's interests and plans beyond high school. Algebra II with Statistics is the prerequisite for Applications of Finite Mathematics, Mathematical Modeling, Precalculus, and all other approved ALSDE mathematics classes designed for completion of a student's fourth mathematics credit.  
Prerequisites: None

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Fee: None

**Algebra with Finance** – 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, mortgages, employment, income taxes, budgeting and planning for retirement are solved by applying the relevant mathematics that are taught at a higher level.  
Prerequisite: Course fulfilling Algebra II with Statistics requirement

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Fee: None

**Applications of Finite Mathematics** – Applications of Finite Mathematics was developed as a fourth-year course that extends beyond the three years of essential content that is required for all high school students. Applications of Finite Mathematics provides students with the opportunity to explore mathematics concepts related to discrete mathematics and their application to computer science and other fields and includes areas of study that are critical to the fast-paced growth of a technologically advancing world. The wide range of topics in Applications of Finite Mathematics includes logic, counting methods, information processing, graph theory, election theory, and fair division with an emphasis on relevance to real-world problems. Logic includes recognizing and developing logical arguments and using principles of logic to solve problems. Students are encouraged to use a variety of approaches and representations to make sense of advanced counting problems and then develop formulas that can be used to explain patterns. Applications in graph theory allow students to use mathematical structures to represent real world problems and make informed decisions. Election theory and fair division applications also engage students in democratic decision-making so that they recognize the power of mathematics in shaping society. Note: Students may not receive credit for both Applications of Finite Mathematics and Discrete Mathematics.  
Prerequisite: Course fulfilling Algebra II with Statistics requirement

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Fee: None

**Mathematical Modeling (\*Not approved for NCAA Eligibility)** – Mathematical Modeling is developed to expand on and reinforce the concepts introduced in Geometry with Data Analysis, Algebra I with Probability, and Algebra II with Statistics by applying them in the context of mathematical modeling to represent and analyze data and make predictions regarding real-world phenomena. Mathematical Modeling is designed to engage students in doing, thinking about, and discussing mathematics, statistics, and modeling in everyday life. It allows students to experience mathematics and its applications in a variety of ways that promote financial literacy and data-based decision-making skills. This course also provides a solid foundation for students who are entering a range of fields involving quantitative reasoning, whether or not they require calculus. NOTE: Students may not receive credit for both Mathematical Modeling and Algebra with Finance.  
Prerequisite: Course fulfilling Algebra II with Statistics requirement

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Fee: None

**Pre-Calculus\*** - Pre-Calculus includes an expanded study of polynomial functions, conic sections, logarithmic and exponential equations, and the real-life applications of these topics. Students are challenged to defend and support their conclusions from problematic situations. Working in both individual and group settings, students apply a variety of problem-solving strategies, incorporating the use of graphing calculators or other technological tools that extend beyond the traditional tools.  
Prerequisite: Course fulfilling Algebra II with Statistics requirement

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Fee: None

**Pre-Calculus, Honors\*** - This course includes an expanded study of polynomial functions, conic sections, logarithmic and exponential equations, and real-life applications of these topics. Students are challenged to defend and support their conclusions from problematic situations. Working in both individual and group settings, students apply a variety of problem-solving strategies, incorporating the use of graphing calculators or other technological tools that extend beyond the traditional tools. The workload for this course requires students to work at an accelerated pace. Only students who plan to take AP Calculus should enroll in this course. Students receive 0.5 extra quality points for successfully completing this class. Students must take the comprehensive course final exam to receive weighted credit. Prerequisite: Course fulfilling Algebra II with Statistics requirement Fee: None

**Calculus\*** - Calculus is designed for the ambitious math student who plans to take Calculus in college. The course emphasizes the study of theory and techniques of differentiation; curve tracing; limits; derivatives; integrals; continuity; and integration of exponential, logarithmic and trigonometric functions. A scientific calculator is required; a graphing calculator is recommended. Daily preparation is required for success in Calculus. Prerequisite: Pre-Calculus or Honors Pre-Calculus Fee: None

**Calculus AB, Advanced Placement\* \*\*/Calculus BC, Advanced Placement\* \*\*** - Advanced Placement (AP) Calculus is a college-level course that follows the guidelines of The College Board. AP Calculus fulfills the requirements of a first semester college calculus class. It introduces differential and integral calculus. Topics covered include limits, continuity, differentiation and applications, integration and applications, and curve sketching. The workload in this class requires students to work at an accelerated pace. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit. Prerequisite: Pre-Calculus or Honors Pre-Calculus Fee: \$25 plus AP exam fee

**Statistics, Advanced Placement\* \*\*** - This is a college-level advanced course approved by the College Board Advanced Placement (AP) Program for statistics; introductory, non-calculus based course to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusion from data. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit. Prerequisites: Course(s) fulfilling Pre-Calculus requirement Fee: \$25 plus AP exam fee

### CTE COURSES – MATH SUBSTITUTES

There are two CTE courses that may be used to fulfill either the fourth math requirement OR be used to fulfill one of the three credit requirements in the CTE/Foreign Language/Arts Education category. The CTE substitutes for mathematics may not be used to fulfill both a core course and a CTE course; however, they may be used to earn completer status regardless of whether the course is used as a CTE course or as the fourth credit in math.

**Career Mathematics (\*Not approved for NCAA Eligibility)** - 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. Prerequisites: Course(s) fulfilling Algebra II with Statistics requirement Fee: None

**Computer Science Principles, Advanced Placement\* \*\*** - This course is designed to introduce students to the central ideas of professional-level computing and the primary principles of computer science. It is a college-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for computer science. This course focuses on the innovative and multidisciplinary aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives. This course introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit. Prerequisites/Corequisite: Course(s) fulfilling Algebra II with Statistics requirement Fee: \$25 plus AP exam fee

**Introduction to Digital Literacy and Computer Science** - Intro to Digital Literacy and Computer Science is a full credit high school computer science course focused on the development of skills in computational thinking and digital literacy. Students will discover how they already act as computational thinkers, digital citizens, collaborators, analysts, and designers within their everyday lives. They will develop and apply these skills within computer science contexts to solve problems or discuss issues related to digital tools, global collaboration, ethical and legal behavior, and security, privacy, and safety in a digital world. Students will engage in individual and collaborative projects to create authentic products. Prerequisite: It is recommended that students have completed Algebra I prior to enrolling or be concurrently enrolled in Algebra I. Introduction to Digital Literacy and Computer Science is designed to be a college preparatory high school course and thus, should provide a rigorous, but accessible, introduction to computer science. No previous computer science experience is required. Prerequisite: None Fee: \$25

### SCIENCE

#### ALTERNATE ACHIEVEMENT STANDARDS PATHWAY

**AAS: Science 9** - This course is for students who are enrolled in science using alternate achievement standards which are aligned to the Alabama Course of Study. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: None Fee: None

**AAS: Science 10** - This course is for students who are enrolled in science using alternate achievement standards which are aligned to the Alabama Course of Study. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: AAS: Science 9 Fee: None

**AAS: Science 11** - This course is for students who are enrolled in science using alternate achievement standards which are aligned to the Alabama Course of Study. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: AAS: Science 10 Fee: None

**AAS: Science 12** - This course is for students who are enrolled in science using alternate achievement standards which are aligned to the Alabama Course of Study. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: AAS: Science 11 Fee: None

## ESSENTIAL SKILLS PATHWAY

**Essentials: Physical Science** - 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. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course.

Prerequisite: None

Fee: None

**Essentials: Biology** - This course is designed to provide students with practical knowledge of biology including scientific process and application skills; cell processes; cell theory; photosynthesis; and cellular respiration; genetics; classification; plants; animals; ecology; biogeochemical cycles. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course.

Prerequisite: None

Fee: None

**Essentials: Earth and Space Science** - 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. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course.

Prerequisite: None

Fee: None

**Essentials: Environmental Science** - This course is designed to provide students with 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. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course.

Prerequisite: None

Fee: None

**Essentials: Human Anatomy and Physiology** - This course is designed to provide students with practical knowledge of human anatomy and physiology including scientific process and application skills; anatomical terminology; structure and function of cells, tissues, and body systems; biochemistry; system regulation and integration. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course.

Prerequisite: None

Fee: None

## GENERAL EDUCATION PATHWAY

**Anatomy/Physiology, Advanced\*** - Human Anatomy/Physiology is a study of the structure and function of the human body systems from the cellular level to the organism level; interactions within and between systems that maintain homeostasis in an organism; how personal choices, environmental factors, and genetic factors affect the human body. Laboratory experiences and text-based activities prepare the student for advanced biological studies, biomedical nursing, and other science-based careers. Additional topics include body functions in the healthy and diseased states; blood typing; muscle action; cranial nerve functioning; and bioethics.

Prerequisite: Adv. or Honors (recommended) Biology

Fee: \$25

**Biology** - Biology is an inquiry-based course with engineering design integration; focused on patterns, processes, and interactions among living organisms including structures and processes, ecosystems, heredity, and unity and diversity. Topics include the study of plants, animals, ecology, and fundamental concepts of life science. Students participate in laboratory experiences and receive instruction in reading in the content area.

Prerequisite: None

Fee: None

**Biology, Advanced\*** - Advanced Biology is an advanced inquiry-based course with engineering design integration; focused on patterns, processes, and interactions among living organisms including structures and processes, ecosystems, heredity, and unity and diversity. The course includes the study of plants, animals, ecology, and fundamental concepts of life science. Students use their abilities to draw conclusions, organize and classify knowledge, make inferences, and test hypotheses through experimentation.

Prerequisite: None

Fee: \$25

**Biology, Honors\*** - This course is intended for students who are interested in an accelerated science program. Honors Biology will prepare students who may consider taking AP Biology or are interested in a science-related career after high school. Due to the rigorous nature and fast pace of this course, a student must have demonstrated academic excellence in previous science and math courses. Students will be introduced to the conceptual framework, factual knowledge, and analytical skills needed to adapt to the rapidly changing science of biology. Laboratory technical skills, analysis of information, and problem-solving abilities will be an integral part of the course. Honors Biology students will complete additional projects as well as independent study and research not expected in advanced biology. Topics include molecules and cells, evolution and genetics, and organisms and populations. Students will receive a 0.5 extra quality point for successful completion of this course. Students must take the comprehensive course final exam to receive weighted credit.

Prerequisite:

Fee: \$25

**Biology, Advanced Placement\* \*\*** - Advanced Placement Biology is a college-level course that follows the guidelines of The College Board. It will differ significantly from the usual high school biology regarding the kind of textbook used, the range and depth of topics covered, the kind of lab work done, and the time and effort required of students. The main goals of AP Biology are to help students develop a conceptual framework of modern biology, to help students gain appreciation of science as a process, and to prepare the students for the national exam. Topics include molecular biology, cells, genetics, evolution, organisms, and populations. Activities include laboratory experiences and independent research. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit.

Prerequisites: Adv. or Honors (recommended) Biology and Adv. or Honors (recommended) Chemistry

Fee: \$25 Plus AP exam fee

**Chemistry** - This physical science course provides an 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, concentrations or forces and motion, types of interactions, stability and instability in chemical systems, conservation of energy, energy transformations, and applications of energy to everyday life.

Prerequisite: Math and Science Teacher Recommendations

Fee: \$25

**Chemistry, Advanced\*** - This physical science course provides an 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, concentrations or forces and motion, types of interactions, stability and instability in chemical systems, conservation of energy, energy transformations, and applications of energy to everyday life. Class activities and laboratory experiences provide opportunities for the development of skills in analysis, synthesis, and evaluation. Topics include atomic structure, chemical formulas and equations, and properties of elements. Strong math skills are essential to student success in this course.

Prerequisite: Math and Science Teacher Recommendations

Fee: \$25

**Chemistry, Honors\*** - Honors/Pre-AP Chemistry is designed for students who are highly motivated and interested in seeking a career in a science-related field. This course will also prepare students for the rigorous academic challenges of AP Chemistry. This course moves at a much faster pace than the regular or advanced chemistry classes and, as a result, greater range and depth of material will be covered. This course will cover such topics as measurement, atomic structure, the periodic table, chemical bonds, molecular shapes, writing and balancing chemical equations, the mole, stoichiometry, gas laws and thermochemistry. Both quantitative and qualitative aspects of chemical behavior are studied in-depth. Laboratory work is an integral part of the course and independent study will be required. Students will receive a 0.5 extra quality point for successful completion of this course. Students must take the comprehensive course final exam to receive weighted credit.

Prerequisites: Adv. or Honors Biology and Math and Science Teacher Recommendations

Fee: \$25



**Chemistry, Advanced Placement\* \*\*** - Advanced Placement (AP) Chemistry is a college-level course that follows the guidelines of The College Board. This course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. AP Chemistry differs from the other chemistry courses in the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulations of principles, kind of laboratory work done, and the overall time spent on the course by students. In this course, students should attain a greater depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. Topics include chemical reactions; properties of solids, liquids, gases and solutions; chemical equilibrium; thermodynamics; atomic and molecular structure; kinetics; periodic properties; nuclear chemistry; and organic chemistry. Students will need a scientific calculator and an AP study guide. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit.  
Prerequisites: Adv. or Honors Chemistry and Algebra II with Statistics or Honors Algebra II with Statistics Fee: \$25 Plus AP exam fee

**Earth and Space Science** - Earth and Space Science is a comprehensive application of all science disciplines with focus on concepts of the universe and its stars, Earth and the solar system, history of planet Earth, Earth's materials and systems, plate tectonics, large-scale system interactions, the roles of water in Earth's surface processes, weather and climate, and biogeology; includes integration of engineering, technology and application of science core ideas. Activities include group and individual projects, discussion, laboratory activities, and presentations. Prerequisites: A Physical Science and Biology Fee: None

**Environmental Science** - Environmental Science is the study of natural resources, natural hazards, human impacts on Earth systems and global climate change; design engineering solutions to solve various problems affecting Earth and its environment. Specific topics include living things in ecosystems, water, air, soil, climate, food, biodiversity, energy, waste, population growth, and renewable and sustainable resources. Laboratory activities and writing opportunities relate environmental issues to the lives of the students. Prerequisites: A Physical Science and Biology Fee: \$25

**Environmental Science, Advanced Placement\* \*\*** - AP Environmental Science is a college-level course that follows the guidelines of The College Board. The goal of this 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 human problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. A strong laboratory and field component and independent research complement the classroom portion of the course. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit. Prerequisites: Honors Biology (recommended) or Adv. Biology and Honors Chemistry (recommended) or Adv. Chemistry Fee: \$25 Plus AP exam fee

**Physical Science** - Physical Science is a conceptual inquiry-based course with engineering design integration providing investigation of the basic concepts of chemistry and physics including matter and its interactions, motion and stability, energy, and waves and information technologies. Students participate in laboratory experiences and receive instruction in reading in the content area, vocabulary development, and application of learning. Prerequisite: None Fee: None

**Physics\*** - Physics is the detailed exploration of properties of physical matter, physical quantities, motion and stability, energy, and waves and their applications for information transfer through authentic investigations and engineering design processes. Emphasis is placed on mathematical solutions to scientific problems. A grade of 70 or above in Algebra II with Trig is strongly recommended. Prerequisite: Algebra II with Statistics or Honors Algebra II with Statistics Fee: \$25

**Physics, Honors\*** - Physics is the branch of science that addresses the properties of physical matter, physical quantities and their relationships. This course is intended for students who are interested in an accelerated science program. Honors Physics will prepare students who may consider taking AP Physics or are interested in a science, engineering or math-related career after high school. Due to the pace of this course, a student must have demonstrated academic excellence in previous science and math courses. Topics studied include mechanics, heat, light, sound, electricity, and magnetism. Additional topics may include atomic and nuclear structure and radioactivity. Students receive 0.5 extra quality points for successfully completing this class.  
Prerequisites: Algebra II with Statistics or Honors Algebra II with Statistics and Honors Chemistry (Recommended) or Adv. Chemistry Fee: \$25

**Physics 1: Algebra Based, Advanced Placement \* \*\*** - Advanced Placement (AP) Physics 1: Algebra Based is a college-level course that follows the guidelines of The College Board. College-level, algebra-based, introductory physics course following the curriculum established by the College Board AP Program; provides a foundation for future course work in physics; explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; introductory, simple circuits; facilitates inquiry-based learning designed to develop scientific critical thinking and reasoning skills. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit. Prerequisites: Algebra II with Trigonometry or Honors Algebra II with Statistics and Honors Chemistry (Recommended) or Advanced Chemistry Fee: \$25 plus AP exam fee

**Physics 2: Algebra Based, Advanced Placement \* \*\*** - Advanced Placement (AP) Physics 2: Algebra Based is a college-level course that follows the guidelines of The College Board. College-level, algebra-based, introductory physics course following the curriculum established by the College Board AP Program; provides a foundation for future course work in physics; 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; quantum, atomic and nuclear physics; facilitates inquiry-based learning designed to develop scientific critical thinking and reasoning skills. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit. Prerequisites: AP Physics 1: Algebra Based Fee: \$25 plus AP exam fee

**Physics C: Mechanics, Advanced Placement\* \*\*/Physics C: Electricity and Magnetism, Advanced Placement\* \*\*** - Advanced Placement (AP) Physics C courses are college-level courses that follows the guidelines of The College Board. There are two AP Physics C courses – Physics C: Mechanics and Physics C: Electricity and Magnetism. Mechanics covers kinematics; Newton's Laws of Motion; work, energy, and power; systems of particles; and linear momentum, circular motion and rotation; and oscillations and gravitation. Electricity and Magnetism covers electrostatics, conductors, capacitors and dielectrics; electric circuits; magnetic fields; and electromagnetism. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing these courses. Students must take the College Board's AP exam for weighted credit.  
Prerequisites: Physics or Honors-Physics or Pre-Calculus or Honors Pre-Calculus, and Concurrent Enrollment in Calculus. Fee: \$25 plus AP exam fee



CTE COURSES – SCIENCE SUBSTITUTES

There are eight CTE courses that may be used to fulfill either the third and/or fourth credit in science OR be used to fulfill one or more of the three credit requirements in CTE/Foreign Language/Arts Education category. The CTE substitutes for science may not be used to fulfill both a core course and a CTE course; however, they may be used to earn completer status regardless of whether the course is used as a CTE course or as the third and/or fourth credit in science.

**Aquaculture Science** - 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. Prerequisite: A Physical Science, Biology and Intermediate Agriscience or Fish and Wildlife Management Fee: TCTA \$25

**Biotechnology, Introduction to** - A one credit course designed to provide an overview of the biotechnology field. This advanced senior-level course emphasizes skill development, application of scientific concepts of biomedical research and development, mendelian genetics, gene structure and function, inheritance patterns, genetic abnormalities, and the human genome project. Prerequisites: A Physical Science and Biology Fee: TCSS \$25

**Chemistry of Food** - Chemistry of Food is a specialized area of study 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. Students apply the scientific method to study scientific concepts and theories in the context of nutrition and foods while achieving academic standards and competencies in the area of chemistry, biochemistry, biology, and some physics at the analysis, synthesis, and evaluations level. Students develop critical-reasoning and mathematics 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. **NOTE:** Chemistry of Food contains similar content to chemistry; therefore, a student who has already received a credit in chemistry may not receive a science credit for Chemistry of Food. Prerequisites: Physical Science, Biology and Family and Consumer Sciences Fee: TCSS \$25

**Environmental Management** - A one credit 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. **NOTE:** Environmental Management contains similar content to environmental science; therefore, a student who has already received a credit in environmental science may not receive a science credit for Environmental Management. Prerequisites: A Physical Science and Biology Fee: TCSS \$25

**Forensic and Criminal Investigation** - This course focuses on the history of forensic science, criminal investigation, forensic serology and DNA, forensic studies in anthropology, toxicology, fingerprinting, firearms, physics, and document examination. Prerequisites: Biology, Chemistry and Algebra I Fee: TCSS or TCTA \$25

**Human Body Structures and Functions** - This 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. This course may be taken simultaneously with the Foundations of Health Science course. **NOTE:** Human Body Structures and Functions contains similar content to anatomy and physiology; therefore, a student who has already received a credit in anatomy and physiology may not receive a science credit for Human Body Structures and Functions. Prerequisites: A Physical Science and Biology Fee: TCSS or TCTA \$25

**Plant Biotechnology** - A one credit course that provides students with an opportunity to develop an understanding of plant genetics and biotechnology relative to agriculture-related products and services. Emphasis is placed on cellular biology, applied genetics and biotechnology concepts, and social and environmental impacts of biotechnology. Prerequisites: A Physical Science and Biology Fee: TCSS \$25

**Principles in Engineering: Project Lead the Way (PLTW)** - This course is designed to explore technology systems and manufacturing processes. Prerequisites: Intro. to Engineering, Successful Completion of Algebra I, Currently Enrolled in or Successfully Completed Geometry, Teacher Recommendation Fee: TCTA \$25

SOCIAL STUDIES

ALTERNATE ACHIEVEMENT STANDARDS PATHWAY

**AAS: Social Studies 9** - This course is for students who are enrolled in social studies using alternate achievement standards which are aligned to the Alabama Course of Study. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: None Fee: None

**AAS: Social Studies 10** - This course is for students who are enrolled in social studies using alternate achievement standards which are aligned to the Alabama Course of Study. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: AAS: Social Studies-9 Fee: None

**AAS: Social Studies 11** - This course is for students who are enrolled in social studies using alternate achievement standards which are aligned to the Alabama Course of Study. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: AAS: Social Studies-10 Fee: None

**AAS: Social Studies 12** - This course is for students who are enrolled in social studies using alternate achievement standards which are aligned to the Alabama Course of Study. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: AAS: Social Studies-11 Fee: None

ESSENTIAL SKILLS PATHWAY

**Essentials I: World History** - This course is a study of world history from 1500 to the 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 situations. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: None Fee: None

**Essentials II: U.S. History to 1877** - This course follows a chronological study of major events, issues, movements, leaders, and groups of people of the United States through Reconstruction from a national and Alabama perspective. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course.  
Prerequisite: Essentials I: World History Fee: None

**Essentials III: U.S. History from 1877** - This course begins with the post-Reconstruction United States and its shift into a more industrialized society and continues through the twentieth century to the present. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course.  
Prerequisite: Essentials II: U.S. History to 1877 Fee: None

**Essentials IV: Economics** - 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. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course. Prerequisite: Essentials III: U.S. History from 1877 Fee: None

**Essentials IV: U.S. Government** - This course 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. This course will not be accepted in a four-year university nor will it be recognized by the NCAA. If a student aspires to attend post-secondary institutions, admission requirements should be reviewed before selecting this course.  
Prerequisite: Essentials III: U.S. History from 1877 Fee: None

**GENERAL EDUCATION PATHWAY**

**World History: 1500 to Present** - This 9<sup>th</sup> grade course examines social, political, geographical, economic, and technological changes in the world that have occurred from 1500 to the present. Critical thinking and analysis are important aspects of this course. Students compare and contrast civilizations around the world over time. Prerequisite: None Fee: None

**World History: 1500 to Present, Advanced\*** - This course, for able and ambitious 9<sup>th</sup> grade students, examines social, political, geographical, economic, and technological changes in the world that have occurred from 1500 to the present. Activities include independent research, group and individual projects, and class discussion. Students demonstrate critical thinking and analysis through both oral presentations and written assignments. Students compare and contrast civilizations around the world over time. Prerequisite: None Fee: None

**World History: 1500 to Present, Honors\*** - This course, for extremely able and ambitious 9<sup>th</sup> grade students, examines social, political, geographical, economic, and technological changes in the world that have occurred from 1500 to the present, comparing and contrasting civilization around the world over time. Activities include independent research, group and individual projects, class discussion, and analysis of works of art, cartoons, charts, graphs and other primary sources. Students demonstrate critical thinking and analysis through both oral and extensive written assignments. Students receive 0.5 extra quality points for successfully completing this class. Students must take the comprehensive course final examination for weighted credit. Prerequisite: None Fee: None

**United States History I: Beginnings to the Industrial Revolution** – This course is the first part of a two-course study of U.S. History. This 10<sup>th</sup> grade course examines the social and political history of the United States from pre-historic times to post-Civil War Reconstruction. Prerequisite: Course fulfilling World History requirement Fee: None

**United States History I: Beginnings to the Industrial Revolution, Advanced\*** - This course is the first part of a two-course study of U.S. History. Advanced analysis of historical content, research writing, and critical thinking skills are aspects of this 10<sup>th</sup> grade course. The course examines the social and political history of the U.S. from pre-historic times to post-Civil War Reconstruction. Prerequisite: Course fulfilling World History requirement Fee: None

**United States History I: Beginnings to the Industrial Revolution, Honors \*** - This course covers the historic development of American history from the discovery of the North American continent to 1877. This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials of U.S. history. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Students will learn to interpret and evaluate the relative significance of primary and secondary source material and to present their evidence and conclusions clearly and persuasively in essay format. Students receive 0.5 extra quality points for successfully completing this class. Students must take the comprehensive course final examination for weighted credit. Prerequisite: Course fulfilling World History requirement Fee: None

**United States History II: The Industrial Revolution to the Present** - This 11<sup>th</sup> grade course examines the political, cultural, and social history of the U.S. from the Industrial Revolution to the present. Emphasis is placed on the significance of political, social, and economic events from the settlement of the West to current events in U.S. history. Prerequisite: Course fulfilling U.S. History I requirement Fee: None

**United States History II: The Industrial Revolution to the Present, Advanced\*** - Advanced U.S. History for 11<sup>th</sup> grade students is an in-depth examination of political, cultural, and social history of the U.S. since 1877. Emphasis is placed on the significance of political, social, and economic events from the settlement of the West to current events in U.S. history. Activities require independent research skills, writing abilities, and strong study skills. Prerequisite: Course fulfilling U.S. History I requirement Fee: None

**U.S. History, Advanced Placement\* \*\*** - Advanced Placement (AP) U.S. History is a college-level course that follows the guidelines of The College Board. AP U.S. History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in the study of U.S. History. Students learn to assess historical materials; they determine their relevance to a given interpretive problem, their reliability, and their importance. The course is taught at a level comparable to that of a first-year college course. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students will receive a 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit. Prerequisite: Course fulfilling U.S. History I requirement Fee: \$25 Plus AP exam fee

**NOTE:** According to Senate Bill 32, all Alabama graduating seniors must pass the new Civics test. The locally developed Civics test must use items that are published annually by the United States Citizenship and Immigration Services (USCIS) – along with state and local history, government, and geography components of the high school curriculum.

**U.S. Government (one-half credit)/Economics (one-half credit)** - The U.S. Government and Economics courses expand students' previous knowledge of history, geography, economics, and government. The courses provide knowledge in the areas of civic responsibility, individual rights, basic economic principles, and the citizen's relationship with government. Topics include representative democracy, federalism, international relations, basic economic concepts of free enterprise and capitalism, business/labor relations, monetary and fiscal policy, and comparisons of world economic systems. Topics of study are integrated throughout the term. Prerequisite: Course fulfilling U.S. History II requirement Fee: None

**U.S. Government, Advanced\* (one-half credit)/Economics, Advanced\* (one-half credit)** - The Advanced U.S. Government and Economics courses are designed to develop independent research skills, advanced study skills, and a comprehensive knowledge of the American system of government and economics at all levels. Topics include foreign and domestic policy, government agencies, federalism, the political process, economic concepts of free enterprise and capitalism, business/labor relations, monetary and fiscal policy, comparisons of world economic systems, and the interactions of the various levels of American government. Topics of study are integrated throughout the term. Prerequisite: Course fulfilling U.S. History II requirement Fee: None

**U.S. Government and Politics, Advanced Placement\* \*\* (one-half credit)** - Advanced Placement (AP) U.S. Government and Politics is a college-level course that follows the guidelines of The College Board. AP U.S. Government and Politics is for the able and ambitious student who wishes to study U.S. Government and Politics taught at the college level. Students use higher order thinking skills and advanced study techniques as they explore the development of the American political system, the rights and responsibilities of citizenship, comparative economics, monetary/fiscal policies, and interpretations of political theories and organizational systems. This course meets the government requirements as stated in the Alabama Course of Study for Social Studies. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board’s AP exam for weighted credit. Prerequisite: Course fulfilling U.S. History II requirement Fee: \$25 Plus AP exam fee

**Macroeconomics, Advanced Placement\* \*\* (one-half credit)** - Advanced Placement (AP) Macroeconomics is a college-level course that follows the guidelines of The College Board. This course studies basic economic concepts; measurement of economic performance; national income and price determination; financial sector; inflation, unemployment, and stabilization policies; economic growth and productivity; open economy; international trade and finance. Students use higher order thinking skills and advanced study techniques. This course meets the economics requirement as stated in the Alabama Course of Study for Social Studies. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board’s AP exam for weighted credit. Prerequisite: Course fulfilling U.S. History II requirement Fee: \$25 Plus AP exam fee

**CAREER PREPAREDNESS**

**Career Preparedness - Required for all students.** This course is taught in grades nine through twelve (strongly recommended to be taken in grade nine). Through this course, students will gain content knowledge and skills to prepare them for college and career readiness. As part of an increased focus on readiness for college and career, this course will provide students with skills in financial literacy, technology, and career planning. Students will participate in activities involving understanding the use of credit, budgeting, economic trends, etc., as well as working to develop sound technology skills in research and application of information. Career exploration and planning and the development of an academic plan to accomplish educational and career goals are also fundamentals of this course. This course is designed to meet the required 20-hour online experience. Prerequisite: None Fee: None

**Career Preparedness A-** This is a one-half credit course taught in grades eight through twelve. The course prepares students with knowledge and skills in the areas of career development, 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 successful completion of both Career Preparedness A and Career Preparedness B. Prerequisite: None Fee: None

**Career Preparedness B-** This is a one-half credit course taught in grades nine through twelve. The course prepares students with knowledge and skills in the areas of career development, academic planning and financial literacy. The required 20-hour online experience can be met by successful completion of both Career Preparedness A and Career Preparedness B. Prerequisite: Career Preparedness A Fee: None

**AAS: Career Preparedness** - This course is for students who are enrolled in a life skills course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards. This course when aligned to the topics in the Career Preparedness course may be used to fulfill the career preparedness requirement when it includes content related to Career and Academic Planning, Computer Applications, and Financial Literacy. Prerequisite: None Fee: None

**HEALTH AND BEGINNING KINESIOLOGY**

**Health (one-half credit)** - All students are required to take health. Topics include nutrition, exercise and rest, appearance, behavior, stress management, drug abuse prevention, the effects of alcohol and tobacco, infectious diseases, first aid and safety. The study of all aspects of safety, first aid, and healthy lifestyles are aspects of this course. This course is required for graduation. **NOTE: The Foundations of Health Science is a substitute for this course; therefore, it may be used to fulfill this requirement.** Prerequisite: None Fee: None

**AAS: Health (one-half credit)** - This code applies to students with significant cognitive disabilities enrolled in a life skills course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards (Extended Standards). Course objectives are aligned with the content standards in the Alabama Course of Study: Health Education. Prerequisite: None Fee: None

**Beginning Kinesiology** - This course encompasses the basic concepts of athletics and fitness, and introduces students to the basic physiological, psychological, sociological, and mechanical principles of human movement. A gym uniform or suitable gym clothes should be worn for effective participation in this course. Highly recommended that students take Beginning Kinesiology in Grade 9. Prerequisite for all physical education elective courses. This course is required for graduation.

**NOTE: The following courses may be used as a substitute for this course:**

- JROTC Leadership and Education Training I
- Marching-Concert Band-Symphonic Band
- Dance Line

- Flag Corps/Color Guard
- Majorette

Prerequisite: None Fee: None



FOREIGN LANGUAGE

Students must have one foreign language to receive Academic Distinction. The admission policies of many four-year colleges and universities require at least one unit of a foreign language. It is the responsibility of the student to determine from the specific four-year colleges and universities the appropriate high school courses needed.

**French 1** - French 1 provides an introduction to the study of the French language. Students begin with the basic grammatical structures and vocabulary relevant to daily living. Listening, speaking, reading, and writing are the focus of the study of French. Introductory studies of the culture, geography, and traditions of French speaking people are aspects of French 1. Prerequisite: Students in 10<sup>th</sup>-12<sup>th</sup> Grade or 9<sup>th</sup> Grade students enrolled in Advanced or Honors English 9 Fee: None

**French 2** - French 2 is a continuation of French 1. Students use French phrases in a variety of social settings to improve their understanding and pronunciation. More complex dialogues are used as students' vocabularies are expanded. French music and art studies are added to the study of French culture during French 2. Prerequisite: French 1 Fee: None

**French 3** - French 3 provides opportunities for students to read short works of fiction as they continue to improve vocabulary, pronunciation, and grammar skills. Regions in France are studied in greater depth. Communication exercises involve a wide range of needs and culturally authentic situations. Prerequisite: French 2 Fee: None

**French 4** - French 4 examines longer and more complex works of French literature as students continue to improve vocabulary, pronunciation, and grammar skills. French music, art, architecture, traditions, and history are studied in greater depth. Communication exercises involve a wide range of needs and culturally authentic situations. Prerequisite: French 3 Fee: None

**German 1** - German 1 is the first year of formal instruction in the German language. Students begin with listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines and progress to reading and writing skills relevant to daily living. Introductory studies of the culture, geography, history, and traditions or German speaking people are aspects of German 1. Prerequisite: Students in 10<sup>th</sup>-12<sup>th</sup> Grade or 9<sup>th</sup> Grade students enrolled in Advanced or Honors English 9 Fee: None

**German 2** - German 2 is a continuation of German 1. Students use German phrases in a variety of settings to improve their understanding and pronunciation. More complex dialogues are used as students' vocabularies are expanded. Students will also read with comprehension simple texts, write short presentations, and further understanding German-Speaking cultures. Prerequisite: German 1 Fee: None

**Latin 1** - Students will find the study of Latin to be beneficial as they discover its relationship to the English language and its unique cultural and historical contributions to the modern world. The high proportion of English words derived from Latin, including many abstract terms, makes the study of Latin essential of an in-depth understanding of the spelling and meaning of these words in the English language. The subject matter of classical Latin reveals the very roots of Western civilization, including the foundations of law, architecture, medicine, science, philosophy, and religious thought. The study of Latin not only increases English vocabulary but also gives students a sense of their cultural and linguistic past. Latin 1 provides students the opportunity to begin the study of Latin language and introduces them to Roman culture and its influence on the cultures of the Western world. Basic pronunciation, spelling, and translation are included in the course, while an emphasis is placed on reading, grammar, and culture. Prerequisite: Students in 10<sup>th</sup>-12<sup>th</sup> Grade or 9<sup>th</sup> Grade students enrolled in Advanced or Honors English 9 Fee: None

**Latin 2** - Latin 2 includes a more advanced study of the knowledge and skills previously gained through the use of stories of Roman life, history, and mythology. Coursework involves a study of advanced grammar, additional vocabulary, and translation of works of authentic Roman authors. Aspects of Roman culture, including important persons, places, and events, continue to be taught during the second year of Latin study. Prerequisite: Latin 1 Fee: None

**Spanish 1** - Spanish 1 is the first year of formal instruction in the Spanish language. Students progress from listening to and repeating short, memorized phrases to using linguistic and cultural skills for expressing needs. Emphasis is placed on dialogue and short readings, oral guided responses, the alphabet and sound system, topical vocabulary, and present tense verbs. In addition to the language study, students explore aspects of the Spanish culture, geography, history, and literature. Prerequisite: Students in 10<sup>th</sup>-12<sup>th</sup> Grade or 9<sup>th</sup> Grade students enrolled in Advanced or Honors English 9 Fee: None

**Spanish 2** - Spanish 2, continuation of Spanish 1, is designed to enhance students' skills in listening, speaking, reading and writing the Spanish language. Students will apply these skills in simulated daily-life situations. In addition to the language study, students will continue to explore aspects of the Spanish culture, geography, history, and literature. Emphasis is placed on the oral language as a means of communication. Prerequisite: Spanish 1 Fee: None

**Spanish 3** - Spanish 3 offers review and reinforcement of the skills and knowledge mastered in Spanish 2. Advanced grammar concepts are introduced and more complex vocabulary and reading passages are studied. Emphasis is placed on improving conversation skills and using the language in a variety of settings. Prerequisite: Spanish 2 Fee: None

**Spanish 4** - Spanish 4 offers review and reinforcement of the skills and knowledge mastered in Spanish 3. Advanced grammar concepts are practiced and more complex vocabulary and reading passages are studied. Emphasis is placed on improving conversational proficiency and in-depth study of Hispanic culture. Prerequisite: Spanish 3 Fee: None

**Spanish, Advanced Placement\*\*** - Advanced Placement (AP) Spanish is a college-level advanced language course following the curriculum established by the College Board Advanced Placement (AP) Program for Spanish. This course focuses on performance in listening, speaking, reading, and writing for a variety of situations with emphasis on vocabulary, structure, fluency, and accuracy; extensive writing of compositions. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit. This course may not be used to fulfill core course requirements. Prerequisite: Previous Spanish Courses Fee: \$25 plus AP exam fee



## ARTS EDUCATION

### VISUAL ARTS COURSES

**Introduction to Visual Arts I (one credit OR one-half credit)** - This novice level course 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. Prerequisite: Fee: \$25

**Visual Arts II (one credit OR one-half credit)** - This intermediate level course 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. Prerequisites: Introduction to Visual Arts I and Teacher Recommendation Fee: \$25

**Visual Arts III (one credit OR one-half credit)** - This accomplished level course 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. Prerequisites: Visual Arts II and Teacher Recommendation Fee: \$25

**Visual Arts IV (one credit OR one-half credit)** - This advanced level course 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. Prerequisites: Visual Arts III and Teacher Recommendation Fee: \$25

**Introduction to Two-Dimensional Design** - This one credit course, novice level, it is the first of a sequential high school course focusing directly on two-dimensional design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how two-dimensional design communicates ideas and allows for self-expression. Through exploration and experimentation, this course introduces core concepts of design and provides students with a foundation in the two-dimensional design processes, art criticism, aesthetics, and art history. Students will address design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized. Prerequisites: Introduction to Visual Arts I and Teacher Recommendation Fee: \$25

**Introduction to Three-Dimensional Design** - This one credit course, novice level, it is the first of a sequential high school course focusing directly on three-dimensional design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how three-dimensional design communicates ideas and allows for self-expression. Through exploration and experimentation, this course introduces core concepts of spatial visual design and provides students with a foundation in the three-dimensional design processes, art criticism, aesthetics, and art history. Students will address spatial design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized. Prerequisites: Introduction to Visual Arts I and Teacher Recommendation Fee: \$25

**Introduction to Photography I** - This novice level course is the first of a sequential high school course focusing on photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how photography communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a general foundation of analog photography, elements and principles of design; aesthetics; criticism; art/photography history; evaluation of photographic artwork; proper care and storage of analog photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems; minimal use of digital photography may be incorporated. Prerequisites: Introduction to Visual Arts I and Teacher Recommendation Fee: \$25

**Introduction to Digital Photography I** - This one credit course, novice level, it is the first of a sequential high school course focusing on digital photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how photography communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a general foundation of digital photography, elements and principles of design; aesthetics; criticism; art/photography history; evaluation of photographic artwork; proper care and storage of digital photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems; minimal use of analog photography may be incorporated. Prerequisites: Introduction to Visual Arts I Fee: \$25

**Introduction to Graphic Design I (one credit OR one-half credit)** - This novice course is the first of a sequential high school course focusing directly on graphic design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how graphic design communicates ideas and allows for self-expression. Through exploration and experimentation, this course introduces core concepts of visual communication principles and provides students with a foundation in the graphic design processes, art criticism, aesthetics, and art history. Students will address graphic design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized. Prerequisite: None Fee: \$25

**Graphic Design II (one credit OR one-half credit)** - This intermediate level course is the second of a sequential high school course focusing directly on graphic design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how graphic design communicates ideas and allows for self-expression. Through exploration and experimentation, this course increases development of core concepts in visual communication principles and provides students with a foundation in the graphic design processes, art criticism, aesthetics, and art history. Students will address graphic design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized. Prerequisites: Introduction to Graphic Design I and Teacher Recommendation Fee: \$25

**Studio Art Drawing, Advanced Placement\*\*** - Advanced Placement (AP) Studio Art Drawing is a College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; portfolio production; demonstrate mastery of drawing in concept, composition, and execution; develop a body of work investigating a visual idea in drawing; variety of concepts and approaches in drawing; documentation. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit. This course may be used to fulfill the CTE and/or foreign language and/or arts education study. Prerequisite: Previous Art Courses Fee: \$25 plus AP exam fee

## HARMONIZING INSTRUMENTS COURSES

**Introduction to Guitar I (one credit OR one-half credit)** - This novice level course is 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. Prerequisite: None Fee: \$25

**Guitar II (one credit OR one-half credit)** - This intermediate level course is 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. Prerequisite: Introduction to Guitar I or Teacher Approval Fee: \$25

**Guitar III (one credit OR one-half credit)** – This proficient level course is 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. Prerequisite: Guitar II or Teacher Approval Fee: \$25

**Guitar IV (one credit OR one-half credit)** - This accomplished level course is 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. Prerequisite: Guitar III or Teacher Approval Fee: \$25

**Introduction to Piano I (one credit OR one-half credit)** - This novice level course is 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. Prerequisite: None Fee: \$25

**Piano II (one credit OR one-half credit)** - This intermediate level course is 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. Prerequisite: Introduction to Piano I or Teacher Approval Fee: \$25

**Piano III (one credit OR one-half credit)** - This proficient level course is 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. Prerequisite: Piano II or Teacher Approval Fee: \$25

**Piano IV (one credit OR one-half credit)** - This accomplished level course is 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. Prerequisite: Piano III or Teacher Approval Fee: \$25

## BAND COURSES

**Introduction to Concert Band I (one credit OR one-half credit)** - This novice level course is 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. Prerequisite: Audition and Selection by Band Director Fee: \$25

**Concert Band II (one credit OR one-half credit)** - This intermediate level course is 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. Prerequisite: Introduction to Concert Band I and/or Selection by Band Director Fee: \$25

**Concert Band III (one credit OR one-half credit)** - This proficient level course is 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. Prerequisite: Concert Band II and/or Selection by Band Director Fee: \$25

**Concert Band IV (one credit OR one-half credit)** - This accomplished level course is 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. Prerequisite: Concert Band III and/or Selection by Band Director Fee: \$25





**Orchestra III (one credit OR one-half credit)** - This is a one credit course, proficient level, designed for students to experience instrumental music in a setting of only orchestra 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 orchestral literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

Prerequisite: Orchestra II and/or Selection by Band Director Fee: \$25

**Orchestra IV (one credit OR one-half credit)** - This accomplished level course is designed for students to experience instrumental music in a setting of only orchestra 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 orchestral literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. Prerequisite: Orchestra III and/or Selection by Band Director Fee: \$25

**Orchestra V (one credit OR one-half credit)** - This advanced level course is designed for students to experience instrumental music in a setting of only orchestra 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 orchestral literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. Prerequisite: Orchestra IV and/or Selection by Band Director Fee: \$25

**Introduction to Instrumental Chamber Ensembles I (one credit OR one-half credit)** - This novice level course is designed for students to experience instrumental music in a chamber 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 advanced level literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. Prerequisite: Audition and Selection by Band Director Fee: \$25

**Instrumental Chamber Ensembles II (one credit OR one-half credit)** - This intermediate level course is designed for students to experience instrumental music in a chamber 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 advanced level literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. Prerequisite: Introduction to Instrumental Chamber Ensemble I and/or Selection by Band Director Fee: \$25

**Instrumental Chamber Ensemble III (one credit OR one-half credit)** - This proficient level course is designed for students to experience instrumental music in a chamber 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 advanced level concert band literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. Prerequisite: Instrumental Chamber Ensemble II and/or Selection by Band Director Fee: \$25

### DANCE COURSES

**Introduction to Dance I (one credit OR one-half credit)** - This proficient level course is designed for novice students. 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. Prerequisite: None Fee: \$25

**Dance II (one credit OR one-half credit)** - This accomplished level course is designed for proficient students. 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. Prerequisite: Introduction to Dance I Fee: \$25

### THEATRE COURSES

**Introduction to Theatre I (one credit OR one-half credit)** - This proficient level course 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. Prerequisite: None Fee: \$25

**Theatre II (one credit OR one-half credit)** - This accomplished level course 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. Prerequisite: Introduction to Theatre I and Teacher Approval Fee: \$25

**Theatre III (one credit OR one-half credit)** - This accomplished level course continues the study of theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment. Students will demonstrate concepts and skills on how theatre communicates ideas and allows for self-expression Students will use their acting talent to refine theatre technique equivalent to college-preparatory or honors to reinforce a continued enjoyment of theatre. Students will study, write and/or perform scenes and monologues. Students will further study the history of theatre and technical theatre. Prerequisite: Theatre II or Teacher Approval Fee: \$25

**Theatre Independent Study (one credit OR one-half credit)** – Independent Study courses at the advanced theatre arts level are courses designed to refine and demonstrate concepts focused on a specific area of emphasis within theatre arts. These courses are often conducted with instructors or professional artists as mentors. They enable students to collaboratively and independently refine specific work of their choice from the range of forms within theatre. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills. Prerequisite: Theatre II or Teacher Approval Fee: \$25

**Acting Technique II (one credit OR one-half credit)** - This accomplished level course 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. Prerequisite: Introduction to Theatre I, Musical Theatre I and/or Teacher Approval Fee: \$25

**Introduction to Musical Theatre I (one credit OR one-half credit)** - This proficient level course explores beginning musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how musical theatre communicates ideas and allows for self-expression. Students will use their beginning acting and musical talent to refine their musical theatre technique. Students will study the history of musical theatre and perform solo, duo and group musical theatre works. Prerequisite: Audition and Selection Fee: \$25



**Musical Theatre II (one credit OR one-half credit)** - This accomplished level course continues the study of musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how musical theatre communicates ideas and allows for self-expression. Students will use their acting and musical talent to refine their musical theatre technique. Students will study the history of musical theatre and perform solo, duo and group musical theatre works. Prerequisite: Musical Theatre I and/or Teacher Approval Fee: \$25

**Musical Theatre III (one credit OR one-half credit)** - This advanced level course continues the study of musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how musical theatre communicates ideas and allows for self-expression. Students will use their acting and musical talent to refine their musical theatre technique. Students will study the history of musical theatre and perform solo, duo and group musical theatre works. Prerequisite: Musical Theatre II and/or Teacher Approval Fee: \$25

## CHORAL COURSES

**Introduction to Mixed Chorus I (one credit OR one-half credit)** - This novice level course is 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. Prerequisite: Audition and Selection by Choral Instructor Fee: \$25

**Mixed Chorus II (one credit OR one-half credit)** - This intermediate level course is 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. Prerequisite: Introduction to Mixed Chorus I and/or Selection by Choral Instructor Fee: \$25

**Mixed Chorus III (one credit OR one-half credit)** - This proficient level course is 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. Prerequisite: Mixed Chorus II and/or Selection by Choral Instructor Fee: \$25

**Mixed Chorus IV (one credit OR one-half credit)** - This accomplished level course is 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. Prerequisite: Mixed Chorus III and/or Selection by Choral Instructor Fee: \$25

**Introduction to Women's Chorus I (one credit OR one-half credit)** - This novice level course is 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. Prerequisite: Audition and Selection by Choral Instructor Fee: \$25

**Women's Chorus II (one credit OR one-half credit)** - This intermediate level course is 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. Prerequisite: Introduction to Women's Chorus I and/or Selection by Choral Instructor Fee: \$25

**Women's Chorus III (one credit OR one-half credit)** - This proficient level course is 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. Prerequisite: Women's Chorus II and/or Selection by Choral Instructor Fee: \$25

**Women's Chorus IV (one credit OR one-half credit)** - This accomplished level course is 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. Prerequisite: Women's Chorus III and/or Selection by Choral Instructor Fee: \$25

**Introduction to Men's Chorus I (one credit OR one-half credit)** - This novice level course is 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. Prerequisite: Audition and Selection by Choral Instructor Fee: \$25

**Men's Chorus II (one credit OR one-half credit)** - This intermediate level course is 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. Prerequisite: Introduction to Men's Chorus I and/or Selection by Choral Instructor Fee: \$25

**Men's Chorus III (one credit OR one-half credit)** - This proficient level course is 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. Prerequisite: Men's Chorus II and/or Selection by Choral Instructor Fee: \$25

**Men's Chorus IV (one credit OR one-half credit)** - This accomplished level course is 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.  
Prerequisite: Men's Chorus III and/or Selection by Choral Instructor Fee: \$25

**Introduction to Chamber Chorus I (one credit OR one-half credit)** - This novice level course is 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. This course is designed for a small ensemble, such as Madrigals or Chamber Choir. Prerequisite: Audition and Selection by Choral Instructor Fee: \$25

**Chamber Chorus II (one credit OR one-half credit)** - This intermediate level course is 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. This course is designed for a small ensemble, such as Madrigals or Chamber Choir. Prerequisite: Introduction to Chamber Chorus I and/or Selection by Choral Instructor Fee: \$25

**Chamber Chorus III (one credit OR one-half credit)** - This proficient level course is 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. This course is designed for a small ensemble, such as Madrigals or Chamber Choir. Prerequisite: Chamber Chorus II and/or Selection by Choral Instructor Fee: \$25

**Chamber Chorus IV (one credit OR one-half credit)** - This accomplished level course is 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. This course is designed for a small ensemble, such as Madrigals or Chamber Choir. Prerequisite: Chamber Chorus III and/or Selection by Choral Instructor Fee: \$25

**Introduction to Show Choir I (one credit OR one-half credit)** - This novice level course is 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.  
Prerequisite: Audition and Selection by Choral Instructor Fee: \$25

**Show Choir II (one credit OR one-half credit)** - This intermediate level course is 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.  
Prerequisite: Introduction to Show Choir I and/or Selection by Choral Instructor Fee: \$25

**Show Choir III (one credit OR one-half credit)** - This proficient level course is 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.  
Prerequisite: Introduction to Show Choir II and/or Selection by Choral Instructor Fee: \$25

**Show Choir IV (one credit OR one-half credit)** - This accomplished level course is 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.  
Prerequisite: Introduction to Show Choir III and/or Selection by Choral Instructor Fee: \$25

### MUSIC LITERACY AND MUSIC THEORY COURSES

**Music, Elements of Arts Literacy** - This one-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. Prerequisite: None Fee: None

**Composition and Theory: Music Theory I** - This proficient level course explores music theory through academic and hands-on study, and production. The curriculum builds practical understanding of the musical elements including rhythm, melody, harmony, form, and expression through creating, performing, and responding. 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. Prerequisite: Approval of the Instructor Fee: \$25

**Music Theory, Advanced Placement\*\*** - Advanced Placement (AP) Music Theory is a college-level course that follows the guidelines of The College Board. This course is designed to develop musical skills that will lead to a thorough understanding of music composition and music theory. Students engage in the study of musical structure, composition analysis, notational systems, arrangement for instruments and/or voices, and improvisational accompaniment on the piano or other instruments. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit. This course may be used to fulfill the CTE and/or foreign language and/or arts education study. Prerequisites: Application and Selection Fee: \$25 plus AP exam fee

CAREER AND TECHNICAL EDUCATION

Bus transportation may be available for students taking career technical education courses taught at Brookwood Career Tech Annex, Brookwood High School, Holt High School, Northport Career Tech Annex, Tuscaloosa County High School, and Tuscaloosa Career and Technology Academy (TCTA). Students may be allowed to drive personal vehicles to Brookwood Career Tech Annex, Brookwood High School, Holt High School, Northport Career Tech Annex, Tuscaloosa County High School, and Tuscaloosa Career and Technology Academy (TCTA) pending written parental consent. For some career technical courses, such as Work-Based Learning/COOP and/or courses that involve leaving the school campus to participate/enroll in a learning environment with business/industry, students must provide their own transportation.

*All students who are employed through the Work-Based Learning/COOP Programs and/or leave the school campus to participate/enroll in a learning environment with business/industry must be prepared to adhere to industry required/OSHA standards and/or drug testing.*

Students may earn completer status by successfully completing three CTE courses in a program.

Students enrolled in career technical education courses are encouraged to participate in a student organization for the development of leadership, social, civic, and business-related skills. These organizations include Distributive Education Clubs of America (DECA), Future Business Leaders of America (FBLA), Family, Career and Community Leaders of America (FCCLA), Future Teachers of America (FTA), Future Farmers of America (FFA), Health Occupations Students of America (HOSA), and SKILLS USA.

GENERAL CTE ELECTIVES

**Career Mathematics (\*Not approved for NCAA Eligibility)** - 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. Students who have only earned credit in Algebra I and Geometry must pass Algebraic Connections prior to taking this course. This course is one of the CTE courses that may be used to fulfill the fourth credit in math OR be used to fulfill one or more of the three credit requirements in CTE/Foreign Language/Arts Education category. The CTE substitutes for math may not be used to fulfill both a core course and a CTE course; however, they may be used to earn completer status regardless of whether the course is used as a CTE course or as the fourth credit in math.  
Prerequisites: Course(s) fulfilling Geometry requirement Fee: None

**Cooperative Education (Work-Based Learning)** - *All students who are employed through the Work-Based Learning/COOP Programs and/or leave the school campus to participate/enroll in a learning environment with business/industry must be prepared to adhere to industry required/OSHA standards or drug testing.*

WBL-Cooperative Education is an educational program consisting of in-school instruction combined with program-related on-the-job work experience in a business, industrial establishment, or school (i.e. library clerk, office clerk, etc.). Employment must be a paid apprenticeship or an approved unpaid internship. Students develop competencies and training that will contribute to college and career preparation. The program is supervised by the WBL Coordinator and the employer to ensure that student training is progressive and meaningful. The program gives the student a chance to observe first-hand “high skill, high wage, or high demand” career areas. The WBL Coordinator determines how and when to meet with students for recordkeeping and job-related discussions. Students must be 11<sup>th</sup> or 12<sup>th</sup> graders, at least sixteen years of age, and provide reliable transportation for work and to leave campus during coop periods. Students must have a clear objective in a career cluster and possess the knowledge, skills, behavioral qualities and abilities required for successful employment. To earn course credit a student must work a minimum of 140 hours during the school year. For each class period of WBL-Coop taken (i.e. 140 hours for one class period and one credit of WBL-Coop; 280 hours for two class periods and two course credits of WBL-Coop). Students are encouraged to participate in a Career and Technical Student Organization in their career pathway for leadership development. It is recommended, but not required, that a student obtain concentrator status, (two courses within a CTE program) prior to enrollment in cooperative education. The main benefit is real-world business experience for all students.

**Work-Based Experiences/Apprenticeships** are paid work experiences for eligible 11<sup>th</sup> and 12<sup>th</sup> grade students where experiences, hours worked, and wages earned are monitored and documented by the employer and the coordinator. (**Paid** work experience is referred to as *Apprenticeship*)

**Work-Based Experiences/Internships** are unpaid work experiences for eligible 11<sup>th</sup> and 12<sup>th</sup> grade students where experiences and hours worked are monitored and documented by a supervisor/mentor and the coordinator. (**Unpaid** work experience is referred to as *Internship*)

Prerequisites: Career Preparedness or documentation of Career Preparedness content standards achieved by the student in lieu of the course. Application packet and required forms submitted to WBL Coordinator; reliable transportation for work and to leave campus during coop periods; WBL Coordinator approval. Fee: \$25 per year

**Essentials Career Preparation** - This course is designed to provide work-based experience to high school students. Work-based experiences can be an apprenticeship (paid) or an internship (unpaid). The student should have a minimum of 140 successful hours under the supervision of a workplace mentor and the special education teacher and/or a representative of vocational rehabilitation services. This course meets the requirement of the Essentials/Life Skills Pathway. Prerequisites: IEP Specifications and Placement Fee: None

**Forensic and Criminal Investigation** - This course focuses on the history of forensic science, criminal investigation, forensic serology and DNA, forensic studies in anthropology, toxicology, fingerprinting, firearms, physics, and document examination. This course is one of the CTE courses that may be used to fulfill either the third and/or fourth credit in science OR be used to fulfill one or more of the three credit requirements in CTE/Foreign Language/Arts Education category. The CTE substitutes for science may not be used to fulfill both a core course and a CTE course; however, they may be used to earn completer status regardless of whether the course is used as a CTE course or as the third and/or fourth credit in science. Prerequisites: Biology, Chemistry and Algebra I Fee: \$25

**Introduction to Commercial Photography** - A one-credit course that provides students with the opportunity to experience practical training in current and emerging photographic technology focusing on the basics in camera, film development, darkroom procedures, safety, history, and composition principles. Prerequisite: None Fee: \$25

**Introduction to Robotics** - A one-credit course designed to introduce students to the fundamentals of robotics. The course emphasizes fundamentals of electrical current, digital circuits, electronic control systems, and the design and operation of robotic systems. Prerequisite: None Fee: \$25

**Life Connections** – A one-credit course designed to focus on practical problems related to nurturing human development throughout the life span and life cycle. A school-based laboratory is required for this course. Prerequisite: None Fee: \$25

**Robotics Applications** - A one-credit course with emphasis placed on the applications of a variety of robotic systems. Students will design and construct a robotic system with peripheral devices. Prerequisite: Introduction to Robotics Fee: \$25

**Transition Services** - This course will provide additional transitional services preparation for students to become self-advocates, participate in post-secondary education and/or training to gain meaningful employment and support community participation as they plan for life after high school. For students pursuing an Alabama High School Diploma requiring two credits of Career/Technical Education, one credit workforce essentials and one credit cooperative education, this course meets the Workforce Essentials requirement when the school does not offer Workforce Essentials. Prerequisites: IEP Specifications and Placement Fee: \$25



**Workforce Readiness** - Workforce Readiness is a one-credit course that provides students with higher-level academic and occupational skills that are transferrable 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.  
Prerequisite: None Fee: \$25

**ARCHITECTURE AND CONSTRUCTION**  
**BUILD YOUR SKILLS**

- ☒ **DO YOU LIKE BUILDING THINGS OR DRAWING?**  
✓ IN THE ARCHITECTURE & CONSTRUCTION CAREER CLUSTER, YOU CAN EITHER BE A DESIGNER OR A BUILDER.
- ☒ **DO YOU ENJOY WORKING WITH TOOLS?**  
✓ WHETHER YOU WORK ON CREATIVE DESIGN OF BUILDINGS, OR THE HANDS-ON SIDE, YOU WILL NEED TO BE SKILLED AT USING A MULTITUDE OF DIFFERENT TOOLS.
- ☒ **DO YOU MAKE GOOD GRADES IN MATH AND SCIENCE?**  
✓ MATH AND SCIENCE ARE PIVOTAL TO ARCHITECTURE & CONSTRUCTION BECAUSE THEY SERVE AS THE BASIS FOR DESIGN PRINCIPLES.
- ☒ **DO YOU LIKE WORKING WITH OTHERS?**  
✓ CREATIVE WORK GETS JUDGED BY AUDIENCES, CRITICS, EDITORS, AND CLIENTS, SO DEALING WITH CRITICISM IS PART OF MOST JOBS.
- ☒ **DO YOU HAVE A STRONG ATTENTION TO DETAIL?**  
✓ THE KEY TO WORKING IN ARCHITECTURE & CONSTRUCTION IS ACCURACY. NO MATTER YOUR JOB, EMPLOYERS WILL EXPECT YOU TO MANAGE MANY DETAILS, BOTH LARGE AND SMALL.

**IF YOU ANSWERED “YES” TO MOST OF THESE QUESTIONS, THE ARCHITECTURE & CONSTRUCTION CLUSTER COULD BE RIGHT FOR YOU.**

**CONSTRUCTION TECHNOLOGY PROGRAM**

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Architecture and Construction Foundations (required foundation)
2 <sup>nd</sup> Course	Residential Building
3 <sup>rd</sup> Course	Construction Building Systems
4 <sup>th</sup> Course	Construction Finishing
5 <sup>th</sup> Course	Career Pathway Project – Architecture & Construction
6 <sup>th</sup> Course	CTE Lab in Architecture & Construction
<b>Career Readiness Indicators</b> • Alabama Certified Employee (ACE) • Construction and Skilled Trade Assessment (CAST) • Home Builders Association of Alabama Residential Construction Skills Certification • NCCER Cabinetmaking Level 1 • NCCER Carpentry Level 1 • NCCER Construction Technology Level 1 • NCCER Core (module 6 is an elective and not required for CRI) • OSHA 30 • Skid Steer – Skills for Success • Bulldozer- Skills for Success • Asphalt Roller – Skills for Success	
<b>Potential Workforce Careers</b> • Cabinet Maker • Commercial Carpenter • Construction and Building Inspector • Construction Equipment operator • Contractor • General Contractor • Homebuilder • Industrial Carpenter • Residential Carpenter • Site Foreman	

**Architecture and Construction Foundations**- Architecture and Construction Foundations is the foundational course for the Architecture and Construction career cluster. It is the first step in any of the three pathways (Construction, Design and Preconstruction, or Maintenance and Operations). Topics include construction mathematics; hand and power tools; construction drawings, specifications, and layout; communication; and material handling. Prerequisite: None Fee: \$25

**Residential Building** - Residential Building is designed to familiarize students with the framing phase of building a structure and with framing components. Topics include floor systems, wall systems, ceiling joist and roof framing, roofing applications, and building envelope systems. Fee: \$25  
Prerequisite: Architecture and Construction Foundations

**Construction Building Systems** - Construction Building Systems is designed to provide knowledge and skills used with mechanical systems in the finishing phase of a structure. Topics include safety, plumbing, electrical wiring, and HVAC. Fee: \$25  
Prerequisite: Architecture and Construction Foundations

**Construction Finishing** - Construction Finishing is designed to provide knowledge and skills used in applying a structure’s exterior and interior finishes. Topics include exterior finishing, thermal and moisture protection, drywall, trim, stair layout, and cabinetry. Fee: \$25  
Prerequisite: Architecture and Construction Foundations

**Career Pathway Project-Architecture and Construction** - Career Pathway Project is a 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. Teacher approval is required. Fee: \$25  
Prerequisite: Successful Completion of Two Career/Tech Courses

**CTE Lab in Architecture and Construction** - This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within 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. Teacher approval is required. Fee: \$25  
Prerequisite: Successful completion of any two courses in Architecture and Construction career cluster



WELDING PROGRAM

Sequence	Recommended Pathway Courses
1 <sup>st</sup> and 2 <sup>nd</sup> Courses	Architecture and Construction Foundations (required foundation) and Welding: SMAW I
3 <sup>rd</sup> and 4 <sup>th</sup> Courses	Welding: SMAW II and Welding: GMAW & FCAW
5 <sup>th</sup> and 6 <sup>th</sup> Courses	Safety and Health Regulations and Career Pathway Project-Architecture & Construction
<b>Career Readiness Indicators</b>  • Alabama Certified Employee (ACE) • AWS Certifications (one or more areas) -FCAW 3-G uphill progression D1.1 -GMAW 3-G uphill progression D1.1 -GTAW 3-G uphill progression (aluminum) D1.2 -GTAW 3-G uphill progression (steel) -SMAW 3-G uphill progression D1.1 • Construction and Skilled Trade Assessment (CAST) • NCCER Core (module 6 is an elective and not required) • NCCER Welding Level 1 • OSHA 30 • Skid Steer – Skills for Success • Bull Dozer – Skills for Success • Asphalt Roller – Skills for Success	
<b>Potential Workforce Careers</b>  • Welder • Certified Welding Inspector • Welding Supervisor • Under Water Welder • Pipefitter • Industrial Maintenance Mechanic	

**Architecture and Construction Foundations** - Architecture and Construction Foundations is the foundational course for the Architecture and Construction career cluster. It is the first step in any of the three pathways (Construction, Design and Preconstruction, or Maintenance and Operations). Topics include construction mathematics; hand and power tools; construction drawings, specifications, and layout; communication; and material handling. Prerequisite: None Fee: \$25

**Welding: SMAW I** - Welding: SMAW I is designed to provide a fundamental understanding of welding safety and basic shielded metal arc welding (SMAW) equipment and procedures. Standards are designed to equip students with knowledge and skills for setting up equipment, preparing surfaces, and performing safe oxy-fuel cutting and welding. Prerequisite: Architecture and Construction Foundations Fee: \$25

**Welding: SMAW II** - Welding: SMAW II presents information and skills needed to weld pipes and plates of various kinds. Topics include SMAW open-root pipe welds, plate welding, and stainless steel and carbon steel welding. The course also incorporates information about gas tungsten arc (tungsten inert gas) welding. Welding: GMAW and FCAW Prerequisites: SMAW I and Teacher Recommendation Fee: \$25

**Welding: GMAW and FCAW** - Welding: GMAW and FCAW introduces metal arc and flux-cored arc welding processes. 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 are introduced. This course aims to prepare students to perform GMAW and FCAW welds in various positions. Prerequisites: SMAW II and Teacher Recommendation Fee: \$25

**Safety and Health Regulations** - A one credit course designed to provide students with an understanding of basic safety standards, governmental and industry regulations, and individual responsibilities in workplace safety and health practices. Content focuses on identifying common safety hazards and minimizing or avoiding unsafe practices. Prerequisite: None Fee: \$25

**Career Pathway Project-Architecture and Construction** - Career Pathway Project is a 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. Teacher approval is required. Prerequisite: Successful Completion of Two Career/Tech Courses Fee: \$25

AGRICULTURE, FOOD AND NATURAL RESOURCES  
PLANT THE SEEDS OF SUCCESS

- ☒ **ARE YOU INTERESTED IN ENVIRONMENTAL ISSUES?**

☒ THE ENVIRONMENT IS THE CANVAS ON WHICH ALL AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATHS ARE PAINTED. A BASIC INTEREST IN ENVIRONMENTAL ISSUES IS A MUST FOR SUCCESS IN THIS FIELD.
- ☒ **DO YOU HAVE A LOVE FOR THE GREAT OUTDOORS?**

☒ IN ALABAMA, PLENTY OF JOBS ARE AVAILABLE IN THIS CAREER CLUSTER; THE MAJORITY OF THEM WILL LEAD YOU OUTDOORS.
- ☒ **ARE YOU GOOD WITH ANIMALS, OR INTERESTED IN BIOLOGICAL SCIENCES?**

☒ FOOD PRODUCTION JOBS ALLOW YOU TO WORK CLOSELY WITH ANIMALS. STUDENTS WHO ARE COMFORTABLE AROUND ANIMALS HAVE A LEG UP ON THIS CAREER PATH.
- ☒ **DO YOU ENJOY GARDENING, CAMPING, HUNTING OR FISHING?**

☒ JOBS IN AGRICULTURE, FOOD & NATURAL RESOURCES OFTEN REQUIRE YOU TO GET YOUR HANDS DIRTY, WHETHER YOU ARE LEADING A FISHING TRIP OR LANDSCAPING A NEW BUSINESS COMPLEX.
- ☒ **DO YOU HAVE STRONG ORGANIZATIONAL SKILLS?**

☒ JOBS IN THIS CAREER CLUSTER ARE BEST SUITED TO PEOPLE WITH A WELL-ROUNDED WORK ETHIC AND THE ABILITY TO STAY ORGANIZED.

IF YOU ANSWERED “YES” TO MOST OF THESE QUESTIONS, AGRICULTURE, FOOD & NATURAL RESOURCES COULD BE RIGHT FOR YOU.

**INDUSTRIAL AGRICULTURE PROGRAM**

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Fundamentals of Agriscience (foundation)
2 <sup>nd</sup> Course	Construction Framing
3 <sup>rd</sup> Course	Construction Finishing
4 <sup>th</sup> Course	Career Pathway Project – Agriculture, Food, Natural Resources
<b>Career Readiness Indicators</b> • NCCER Core • NCCER Carpentry Level 1 • NCCER Welding Level 1 • MSSC – Certified Production Technician (CPT) • Home Builders Association of Alabama Residential Construction Skills Certification • Construction and Skilled Trade Assessment (CAST) • Briggs and Stratton Technician (2 required) • FAA Pat 107 • Meat Cutter- Skills for Success • Skid Steer – Skills for Success • Bulldozer – Skills for Success • Asphalt Roller- Skills for Success	
<b>Potential Workforce Careers</b> • Construction Laborer • Agricultural Contractor • Pipe Layer • Welder • Electrician • Plumber • Industrial Maintenance Technician • HVAC Technician • Agricultural Engineer • Construction Manager • Mechanical Drafter	

**Fundamentals of Agriscience** - 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: Industrial Agriculture; 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. Prerequisite: None Fee: \$25

**Construction Framing** - Construction 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. Prerequisite: Fundamentals of Agriscience Fee: \$25

**Construction Finishing & Interior Systems-** This one credit course is designed to provide instruction on the exterior and interior finishing phases of a structure. Prerequisites: Fundamentals of Agriscience Fee: \$25

**Construction Site Preparation and Foundations** - This course is designed to facilitate students’ understanding of the first phases of construction including types of structures and their uses. Prerequisite: Fundamentals of Agriscience Fee: \$25

**Career Pathway Project-Agriculture, Food and Natural Resources** - Career Pathway Project is a 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. Teacher approval is required. Prerequisite: Successful Completion of Two Career/Tech Courses Fee: \$25

**ANIMAL SCIENCE PROGRAM**

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Fundamentals of Agriscience (foundation)
2 <sup>nd</sup> Course	Introduction to Animal and Dairy Science
3 <sup>rd</sup> Course	Introduction to Veterinary Science OR Poultry Science
4 <sup>th</sup> Course	Career Pathway Project – Agriculture, Food, Natural Resources
<b>Career Readiness Indicators</b> • NCCER Core • MSSC – Certified Production Technician (CPT) • Aquaculture Training and Online Learning (ATOLL) Aquaculture or Aquaponics • Elanco Veterinary Medical Applications Certification • FAA Part 107 • Skid Steer – Skills for Success • Adult Beef Quality Assurance (BQA – all three areas required): Cow/Calf, Feedyard, Stocker	
<b>Potential Workforce Careers</b> • Food Science Technician • Farm Worker • Artificial Insemination Technician • Veterinarian • Veterinary Technician • Farm Products Purchasing Agent • Agricultural Sales • Non-Farm Animal Worker • Livestock Manager • Poultry Operator • Ag Field Service Representative • Food Quality Assurance • USDA Inspector	

**Fundamentals of Agriscience** - 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: Industrial Agriculture; 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. Prerequisite: None Fee: \$25

**AgriBiology--** This course provides opportunities for students to become knowledgeable of the principles and practices of animal genetics and biotechnology as related to agricultural products and services. Emphasis is placed on the impact of animal biotechnology, and applied genetics and breeding. Prerequisite: None Fee: \$25

**Animal and Dairy Science, Introduction to** - Introduction to Animal and Dairy Science introduces students to the field of livestock production and animal health and welfare. Students participate in activities related to the animal science field as they study the importance of the livestock industry, breed identification and characteristics, nutrition, disease and parasite control, genetics and reproduction, animal rights versus animal welfare, specialty animal production and animal products, livestock facilities and transportation, and regulatory agencies. Prerequisite: None Fee: \$25

**Veterinary Science, Introduction to** - Introduction to Veterinary Science is a one-credit course designed to provide students with an introduction to the veterinary science profession. Topics include career opportunities, safety, human treatment, laws and regulations, anatomy and physiology, animal health, and veterinary services. Prerequisite: None Fee: \$25

**Poultry Science** –Poultry Science is a course that provides students with instruction and opportunities to participate in hands-on activities in the areas of safety, environmental issues, breeds of poultry, nutrition and disease prevention, consumer issues, biotechnological advancement, and management and marketing principles. Prerequisite: None Fee: \$25

**Career Pathway Project-Agriculture, Food and Natural Resources** - Career Pathway Project is a 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. Teacher approval is required. Prerequisite: Successful Completion of Two Career/Tech Courses  
Fee: \$25

**PLANT SCIENCE PROGRAM**

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Fundamentals of Agriscience (foundation)
2 <sup>nd</sup> Course	Turfgrass Management OR Landscape Design and Management
3 <sup>rd</sup> Course	Horticulture Science OR Greenhouse and Nursery Production
4 <sup>th</sup> Course	Floriculture and Floral Design OR Career Pathway Project – Agriculture, Food, Natural Resources
<b>Career Readiness Indicators</b> •NCCER Core• MSSC – Certified Production Technician (CPT) • Landscape Management Technician • Urban Forestry Technician • Setting of Landscape Plans (SLP) Permit • Tree Surgery (TS) Permit • Landscape Design (LD) Permit • Landscape Design and Plant Materials Certification • Forestry Worker Certification • Turfgrass Management Certification • Specialty Crops • Integrated Pest Management Certification • FAA Part 107 • Skid Steer – Skills for Success	
<b>Potential Workforce Careers</b> • Chemical Engineer • Soil Scientist • Pesticide Handler/Applicator • Pest Control Worker • Landscape Designer • Landscape Worker • Agronomy Sales • Golf Course Superintendent • Turfgrass Producer • Lab Technician	

**Fundamentals of Agriscience** - 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: Industrial Agriculture; 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. Prerequisite: None  
Fee: \$25

**Turfgrass Management** - Turfgrass Management prepares students to install and maintain turfgrass in a variety of settings. Topics in Turfgrass Management include turfgrass identification, establishment, maintenance, tools and equipment, and business management. Prerequisite: None  
Fee: \$25

**Landscape Design and Management** - Landscape Design and Management is a one-credit course that allows students to become more knowledgeable 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 management, and technology. Prerequisite: None  
Fee: \$25

**Horticulture Science** – Horticulture Science is a course designed to enable students to become knowledgeable of horticultural science, including plant physiology, greenhouse production, plant identification and classification, and pest management. Prerequisite: None  
Fee: \$25

**Greenhouse and Nursery Production-** Greenhouse and Nursery Production gives students the opportunity to utilize, manage, and maintain facilities and tools and to carry out procedures used in growing plants commercially. The course prepares them to own, manage, or work in greenhouses and plant nurseries. Topics include facilities, growing media, propagation, plant identification, production, pest and disease management, and business management. Prerequisite: None  
Fee: \$25

**Agriculture Communications and Technology** - This course is designed to enable students to effectively communicate in agribusiness settings. Emphasis is placed on conflict resolution, time management, and supervised agricultural experience programs. Topics include career opportunities, effective communication, conflict resolution, group dynamics, goal setting, time management, effective leadership, parliamentary procedure, supervised agriculture experience in regards to the agriculture industry. Prerequisite: None  
Fee: \$25

**Floriculture and Floral Design**– This course is designed to introduce students to the floral industry. Topics include career opportunities, safety, floral design, and interiorscaping. This course encourages critical thinking, use of the scientific method, integration of technology, development of student leadership skills, and application of knowledge and skills related to practical questions and problems. Prerequisite: None  
Fee: \$25

**Plant Biotechnology** - A one credit course that provides students with an opportunity to develop an understanding of plant genetics and biotechnology relative to agriculture-related products and services. Emphasis is placed on cellular biology, applied genetics and biotechnology concepts, and social and environmental impacts of biotechnology. This course is one of the CTE courses that may be used to fulfill either the third and/or fourth credit in science OR be used to fulfill one or more of the three credit requirements in CTE/Foreign Language/Arts Education category. The CTE substitutes for science may not be used to fulfill both a core course and a CTE course; however, it may be used to earn completer status regardless of whether the course is used as a CTE course or as the third and/or fourth credit in science. Prerequisites: A Physical Science and Biology  
Fee: \$25

**Career Pathway Project-Agriculture, Food and Natural Resources** - Career Pathway Project is a 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. Teacher approval is required. Prerequisite: Successful Completion of Two Career/Tech Courses  
Fee: \$25

ENVIRONMENTAL AND NATURAL RESOURCES PROGRAM

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Fundamentals of Agriscience (foundation)
2 <sup>nd</sup> Course	Fish and Wildlife Management
3 <sup>rd</sup> Course	Forestry
4 <sup>th</sup> Course	Career Pathway Project – Agriculture, Food, Natural Resources
Career Readiness Indicators	
• NCCER Core • Urban Forestry Technician • Integrated Pest Management Certification • Forestry Worker Certification • Tree Surgery (TS) Permit • Ducks Unlimited Ecology Conservation and Management Certification • MSSC- Certified Production Technician (CPT) • Skid Steer – Skills for Success • Bulldozer – Skills for Success • FAA Part 107	
Potential Workforce Careers	
• Forester • Environmental Engineer • Forest and Conservation Worker • Conservation Officer • Lab Technician • Hunters and Trappers • Wildlife Biologist • Soil Scientist • Professional Fisherman • Logger • Recreation Worker	

**Fundamentals of Agriscience** - 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: Industrial Agriculture; 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. Prerequisite: None Fee: \$25

**Environmental Management** - A one credit 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. This course is one of the CTE courses that may be used to fulfill either the third and/or fourth credit in science OR be used to fulfill one or more of the three credit requirements in CTE/Foreign Language/Arts Education category. The CTE substitutes for science may not be used to fulfill both a core course and a CTE course; however, it may be used to earn completer status regardless of whether the course is used as a CTE course or as the third and/or fourth credit in science. **NOTE:** Environmental Management contains similar content to environmental science; therefore, a student who has already received a credit in environmental science may not receive a science credit for Environmental Management. Prerequisites: A Physical Science and Biology Fee: \$25

**Fish and Wildlife Management** - Fish and Wildlife Management is a course that provides students with the opportunity to develop an understanding of the important role these natural resources play in the ecosystem. Topics include careers; outdoor safety; history and administration of fish and wildlife management; fish and wildlife issues; sport hunting; and outdoor recreation. Prerequisite: None Fee: \$25

**Forestry** – Forestry is a one-credit course designed to enable students to become knowledgeable of forestry and wood technology. Emphasis is placed on dendrology, tree measurement, mapping, silviculture, and forest products. Prerequisite: Fundamentals of Agriscience Fee: \$25

**Urban Forestry** - Urban Forestry is a one credit course designed to enable students to acquire forestry knowledge and skills for in an urban setting. Topics include career opportunities, safety, climbing and rigging, urban tree management, and tree disorders. Prerequisite: None Fee: \$25

**Career Pathway Project-Agriculture, Food and Natural Resources** - Career Pathway Project is a 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. Teacher approval is required. Prerequisite: Successful Completion of Two Career/Tech Courses Fee: \$25

ARTS, A/V TECHNOLOGY AND COMMUNICATIONS  
IMAGINE YOUR WORLD

- ☒ **DO YOU LIKE TO WRITE, ACT, SING, OR CREATE VISUAL ART?**  
✓ MANY CAREERS IN THIS CLUSTER REQUIRE CREATIVITY, ARTISTIC FLAIR, OR AN ABILITY TO PERFORM ONSTAGE OR ON-CAMERA.
- ☒ **ARE YOU GOOD AT FIXING THINGS OR FIGURING OUT WHY SOMETHING ISN'T WORKING?**  
✓ PROFESSIONALS IN THIS CLUSTER ARE CREATIVE THINKERS WHO USE TECHNICAL KNOWLEDGE, HIGH-TECH TOOLS, AND HANDS-ON SKILLS.
- ☒ **CAN YOU COMPLETE MULTIPLE ASSIGNMENTS ON TIME AND ON YOUR OWN WITHOUT REMINDERS?**  
✓ MANY PEOPLE IN ARTS-RELATED FIELDS ARE SELF-EMPLOYED. THEY WORKFOR SEVERAL DIFFERENT CLIENTS INSTEAD OF FOR A SINGLE COMPANY.
- ☒ **HOW DO YOU REACT WHEN OTHERS SUGGEST WAYS TO IMPROVE YOUR WORK PERFORMANCE?**  
✓ CREATIVE WORK GETS JUDGED BY AUDIENCES, CRITICS, EDITORS, AND CLIENTS, SO DEALING WITH CRITICISM IS PART OF MOST JOBS.
- ☒ **DO YOU ENJOY WORKING ON PROJECTS AS PART OF A TEAM?**  
✓ ARTS & COMMUNICATION PROFESSIONALS COMBINE TALENTS TO CREATE A FINAL PRODUCT. NO MATTER HOW TALENTED YOU ARE, YOU HAVE TO BE ABLE TO WORK WELL ON A TEAM TO SUCCEED.

IF YOU ANSWERED “YES” TO MOST OF THESE QUESTIONS, ARTS, A/V TECHNOLOGY AND COMMUNICATIONS COULD BE RIGHT FOR YOU.



TELEVISION PRODUCTION

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Introduction to Television Production (required foundation)
2 <sup>nd</sup> Course	Television Production: Writing, Producing and Performing
3 <sup>rd</sup> Course	Television Production: Studio Operations
4 <sup>th</sup> Course	Television Production: Photography and Editing
5 <sup>th</sup> Course	Advanced Television Production
6 <sup>th</sup> Course	Career Pathway Project – Arts, A/V Tech & Communications
<b>Career Readiness Indicators</b>  • Adobe Certified Professional -Photoshop • Adobe Certified Professional -Premiere Pro • Adobe Certified Professional – Illustrator • Adobe Certified Professional – InDesign • Adobe Certified Professional – Dreamweaver • Adobe Certified Professional – After Effects Apple Final Cut Pro-Certified ProLevel One • Apple Aperture-Certified Pro-Level One • Apple Motion-Certified Pro-Level One • Certified Broadcast Technologist • Certified Professional Photographer (CPP) • FAA Part 107	
<b>Potential Workforce Careers</b>  • Editing/Postproduction Specialist • News Broadcaster • News Writer/Editor • Production Assistant • Set Design & Lighting • Sound Specialist • Television/Video Camera Operator	

**Introduction to Television Production** – 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. Prerequisite: Application and Selection Fee: \$25

**Television Production: Writing, Production, and Performing** – 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. Prerequisite: Introduction to Television Production, Application and Selection Fee: \$25

**Television Production: Studio Operations** – A one-credit course that provides students with a variety of real-world learning opportunities through 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. Prerequisite: Introduction to Television Production, Application and Selection Fee: \$25

**Television Production: Photography & Editing** – 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. Prerequisite: Introduction to Television Production, Application and Selection Fee: \$25

**Advanced Television Production** – A one-credit course that provides students with opportunities to create and market video productions. A school-based television studio is required for this course. Prerequisites: 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. Prerequisite: Introduction to Television Production, Application and Selection Fee: \$25

**Career Pathway Project in Arts, AV Television, and Communication** – Career Pathway Project in Arts, AV Television, and Communication is 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. Prerequisite: Two or more courses in the Television Production Pathway Fee: \$25

BUSINESS, MANAGEMENT AND ADMINSTRATION  
GET DOWN TO BUSINESS

- ☒ **ARE YOU DRIVEN TO SUCCEED?**  
✓ THE BUSINESS FIELD DEMANDS GET-UP-AND-GO.
- ☒ **CAN YOU SELL OTHERS ON YOUR IDEAS?**  
✓ TO GENERATE BUSINESS, YOU HAVE TO MARKET A PRODUCT.
- ☒ **ARE YOU DEDICATED TO DELIVERING ON YOUR PROMISES?**  
✓ IF YOU WANT TO STAY IN BUSINESS, YOU HAVE TO DELIVER A PRODUCT OR A SERVICE.
- ☒ **ARE YOU A GOOD LEADER?**  
✓ TO GROW YOUR BUSINESS, YOU NEED TO BUILD A WINNING TEAM.
- ☒ **ARE YOU INTERESTED IN SERVING A LARGER GOOD?**  
✓ YOUR BUSINESS DOESN'T GROW IN A VACUUM; IT THRIVES IN A HEALTHY COMMUNITY.

IF YOU ANSWERED “YES” TO MOST OF THESE QUESTIONS, BUSINESS, MANAGEMENT & ADMINISTRATION COULD BE RIGHT FOR YOU.

BUSINESS ADMINISTRATIVE SERVICES

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Career Preparedness
2 <sup>nd</sup> Course	Business Software Applications I
3 <sup>rd</sup> Course	Business Software Applications II
4 <sup>th</sup> Course	Business and Legal Concepts
5 <sup>th</sup> Course	Cooperative Education
<b>Career Readiness Indicators</b> • Adobe Certified Professional - Photoshop • Adobe Certified Professional– Dreamweaver • Adobe Certified Professional– Flash • Adobe Certified Professional– Premier Pro • Adobe Certified Professional– InDesign • Adobe Certified Professional – Illustrator • ASK Institute – Concepts of Entrepreneurship an Management • ASK Institute – Fundamental Business Concepts • IC3 Global Standard 6 • Microsoft Office – Excel Expert 2019/O365 • Microsoft Office – Word Expert 2019/O365 • Microsoft Office – Access Expert 2019/O365 • Microsoft Office Specialist (MOS) (Two of the following areas REQUIRED) • Access • Excel • Outlook • PowerPoint • SharePoint • Word	
<b>Potential Workforce Careers</b> • Chief Executive Officer • Entrepreneur • General Manager • Human Resources Manager • Training and Development Specialist • Labor and Personnel Relations Specialist • Executive Assistant • Office Manager • Receptionist • Business and Development Manager • Operations Analyst • Management Analyst • Legal Secretary	

**Business Software Applications I** – Business Software Applications I emphasizes the skills required to create, edit, and publish industry-appropriate documents. Areas of instruction include the integration of word processing, desktop publishing, spreadsheets, database management, and presentation software as well as the use of emerging technologies. Competencies for the co-curricular student organizations, DECA and Future Business Leaders of America (FBLA-PBL), are also embedded in this course. Prerequisite: None Fee: \$25

**Business Software Applications II** - Business Software Applications II focuses on advanced word processing and spreadsheet and database management skills using current and emerging integrated technology. These skills include a variety of input technologies in the production of professional quality business documents and reports. Performance and production skills for the co-curricular student organizations, DECA and Future Business Leaders of America (FBLA-PBL), are embedded in this course. Prerequisite: Business Software Applications I Fee: \$25

**Business and Legal Concepts** – Business and Legal Concepts is designed to acquaint students with the basic legal principles common to business activities: the law of contracts, bailment, commercial paper, insurance, business organization, employment, and real and personal property. Emphasis is placed upon business law as it affects young adults. Activities and instruction focus on the legal rights and responsibilities of students as citizens, consumers, and employees. Students are eligible to participate in FBLA, a student organization for the development of leadership, social, civic, and business-related skills. Prerequisite: None Fee: \$25

**Career Pathway Project-Business Management and Administration** - Career Pathway Project (CPP) in Business Management and Administration is a capstone course designed for students who have earned two or more career and technical education credits from the same pathway in the Business Management and Administration Career Cluster. This course allows students to utilize their secondary coursework through an experience that showcases their learning. It provides an opportunity for a student to choose an area of interest and explore it in depth while demonstrating problem-solving, decision-making, and independent-learning skills. The CPP contributes to an educational plan of challenging courses and practical experiences that prepares students for the workplace or for pursuing further education. During the CPP, the student works with his or her coordinating teacher, academic teachers, and a product or process mentor who has expertise in the student’s field of study. At the conclusion of the CPP, the student presents or demonstrates the knowledge gained to an audience consisting of the coordinating teacher, academic teachers, the mentor, peers, and community and business representatives. Prerequisite: Two or more credits from the same pathway in the Business Management and Administration Career Cluster Fee: \$25

BUSINESS INFORMATION TECHNOLOGY

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Career Preparedness
2 <sup>nd</sup> Course	Business Software Applications I
3 <sup>rd</sup> Course	Digital Media Design
4 <sup>th</sup> Course	Digital Publications Design
5 <sup>th</sup> Course	AP Computer Science Principles
6 <sup>th</sup> Course	Cooperative Education
<b>Career Readiness Indicators</b>  • Adobe Certified Professional– Photoshop • Adobe Certified Professional– Dreamweaver • Adobe Certified Professional – Flash • Adobe Certified Professional– Premier Pro • Adobe Certified Professional– InDesign • Adobe Certified Professional– Illustrator • ASK Institute – Concepts of Entrepreneurship an Management • ASK Institute – Fundamental Business Concepts • IC3 Global Standard 6• Microsoft Office – Access Expert 2019/O365 • Microsoft Office – Excel Expert 2019/O365 • Microsoft Office – Word Expert 2019/O365• Microsoft Office Specialist (MOS) (Two of the following areas REQUIRED) • Access • Excel • Outlook • PowerPoint • SharePoint • Word • Certified Internet Web (CIW) – JavaScript Specialist • Certiport Information Technology Specialist (ITS) – HTML5 Application Development • Certiport Information Technology Specialist (ITS) – Databases • Certiport Information Technology Specialist (ITS) – Software Development • Certiport Information Technology Specialist (ITS) – HTML & CSS • Certiport Information Technology Specialist (ITS) – JavaScript • Certiport Information Technology Specialist (ITS) – Java • Certiport Information Technology Specialist (ITS) – Python • Fiber Optics – Skills for Success	
<b>Potential Workforce Careers</b>  • Chief Executive Officer • Entrepreneur • General Manager • Human Resources Manager • Training and Development Specialist • Labor and Personnel Relations Specialist • Executive Assistant • Office Manager • Receptionist • Business and Development Manager • Operations Analyst • Management Analyst • Legal Secretary	

**Business Software Applications I** – Business Software Applications I emphasizes the skills required to create, edit, and publish industry-appropriate documents. Areas of instruction include the integration of word processing, desktop publishing, spreadsheets, database management, and presentation software as well as the use of emerging technologies. Competencies for the co-curricular student organizations, DECA and Future Business Leaders of America (FBLA-PBL), are also embedded in this course. Prerequisite: None Fee: \$25

**Digital Media Design** -\_Multimedia Design is designed to provide students with hands-on skills involving interactive presentations, graphic design, digital photography, Web publishing, and digital video production. Students use various hardware peripherals and software for creating multimedia projects Prerequisite: Career Preparedness Fee: \$25

**Digital Publications Design** - This elective course is designed to provide students skills and experiences in enhanced multimedia presentations, publication layout, graphic design, digital video production, Web design, and photography. Students will design interactive media projects utilizing various technologies. Prerequisite: Digital Media Design Fee: \$25

**Computer Science Principles, Advanced Placement\* \*\*** - This course is designed to introduce students to the central ideas of professional-level computing and the primary principles of computer science. It is a college-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for computer science. This course focuses on the innovative and multidisciplinary aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives. This course introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. This course is one of the CTE courses that may be used to fulfill the fourth credit in math OR be used to fulfill one or more of the three credit requirements in CTE/Foreign Language/Arts Education category. The CTE substitutes for math may not be used to fulfill both a core course and a CTE course; however, they may be used to earn completer status regardless of whether the course is used as a CTE course or as the fourth credit in math. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit. Prerequisites/Corequisite: Course(s) fulfilling Algebra II with Statistics Requirement Fee: \$25 plus AP exam fee

**EDUCATION AND TRAINING**  
**GO TO THE HEAD OF THE CLASS**

- ☒ **DO YOU ENJOY SCHOOL?**  
☒ IF YOU ARE THE TYPE WHO LOOKS FORWARD TO SCHOOL, THERE IS A GOOD CHANCE YOU COULD FIND YOURSELF AT HOME IN A TEACHING CAREER.
- ☒ **ARE YOU ACTIVE IN SCHOOL OR COMMUNITY GROUPS?**  
☒ TEACHING MAY REQUIRE PARTICIPATION IN STUDENT AND COMMUNITY GROUPD THAT RELATE TO EDUCATION.
- ☒ **DO YOU LOVE TO LEARN?**  
☒ LEARNING IS THE ESSENCE OF TEACHING, AND A BASIC PASSION FOR LEARNING IS FUNDAMENTAL TO SUCCEEDING IN THIS CAREER CLUSTER.
- ☒ **DO YOU HELP YOUR FRIENDS WITH SCHOOLWORK OR STUDYING?**  
☒ FOR MANY EDUCATORS, TUTORING CAN BE THE FIRST STEP TOWARD A LONG CAREER IN EDUCATION.
- ☒ **ARE YOU COMFORTABLE SPEAKING IN FRONT OF GROUPS?**  
☒ DAY AFTER DAY, EDUCATIONAL PROFESSIONAL SPEAK IN FRONT OF GROUPS. IF YOU ENJOY PUBLIC SPEAKING, YOU JUST MIGHT FIND HAPPINESS IN PURSUING A CAREER IN THE FIELD OF EDUCATION.

IF YOU ANSWERED “YES” TO MOST OF THESE QUESTIONS, EDUCATION & TRAINING COULD BE RIGHT FOR YOU.

**EDUCATORS IN TRAINING PROGRAM**

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Foundations in Education (required foundation course)
2 <sup>nd</sup> Course	Practices in Education
3 <sup>rd</sup> Course	Methods in Education
4 <sup>th</sup> Course	Education and Training Internship
<b>Career Readiness Indicators</b> • ETS Praxis Core Academic Skills (Must pass Reading, Writing, and Mathematics) • Google Educator Certification (Levels 1 and 2 Required) • Praxis II: Principles of Learning and Teaching: Grades K-6 • Praxis II: Principles of Learning and Teaching: Grades 5-9 • Praxis II: Principles of Learning and Teaching: Grades 7-12 • ASK Institute –Concepts of Entrepreneurship • ASK Institute –Concepts of Business Management	
<b>Potential Workforce Careers</b> • Training and Development Specialist • Teacher, Postsecondary All Areas • Graduate Teaching Assistant • Elementary, Middle, and Secondary School Teachers, including Special Education and Career Technical Education Teacher • Adult Literacy, Remedial Education, and GED Teachers and Instructor • Teacher Assistant • Education Consultant • Associate Professor Higher Education	

**Foundations in Education** - Foundations in Education is the foundational course for the Educators in Training program. It presents a broad overview of the work of education professionals, the history of education, the roles and responsibilities of educators, strategies for creating and presenting engaging lessons and activities, methods of measuring student progress, and the domains of development. Foundations in Education is the gateway to specialized courses and internship opportunities in the Education and Training cluster. Prerequisite: Teacher Approval Fee: \$25

**Practices in Education** - Practices in Education is designed to equip students with the skills and strategies necessary for providing effective classroom instruction. This course explores the following key topics: community partners and resources, teaching standards, characteristics of professionalism, professional organizations, instructional strategies, and planning and delivery of instruction. The course content is intended to give students a deeper understanding of the practice of teaching and to provide skills they can apply across many fields. Prerequisite: Teacher Approval and Foundations in Education Fee: \$25

**Methods in Education** - Methods in Education focuses on the role of educators as facilitators of learning. Students will explore the methods and strategies that enhance learning, as well as current trends in education and instructional technology. This course strongly emphasizes the sciences of literacy and numeracy. Students will apply their learning in the classroom and create research-based lessons and activities for a variety of populations. Prerequisite: Teacher Approval and Practices in Education Fee: \$25

**Education and Training Internship** - Education and Training Internship is a one credit Career Connections course for 11<sup>th</sup> and 12<sup>th</sup> grade students who are interested in pursuing careers in the education field. Students who have completed the Foundations in Education, Practices in Education and Methods in Education courses are eligible to enroll in this course. The school-based laboratory for the internship is an actual classroom that provides instruction in the subject-matter areas related to the student’s interest. Internship at the elementary or secondary school level is part of the laboratory requirement. Students must provide their own transportation to internship sites. Prerequisites: Methods in Education and Teacher Recommendation Fee: \$25

**Career Pathway Project-Education and Training** - Career Pathway Project is a 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. Teacher approval is required. Prerequisite: Successful Completion of Two Career/Tech Courses Fee: \$25



**FINANCE**  
**MAKE MONEY WORK**

- ☒ **DO YOU GET GOOD MATH GRADES?**  
✓ TO SUCCEED IN ANY FINANCE-RELATED CAREER, YOU NEED TO UNDERSTAND AND ENJOY MATH.
- ☒ **ARE YOU GOOD AT SOLVING PUZZLES?**  
✓ FINANCE PROFESSIONALS USE LOGIC AND CREATIVE THINKING TO ANALYZE DATA, FIND PATTERNS, AND CREATE PLANS.
- ☒ **DO YOU LIKE WORKING WITH COMPUTERS?**  
✓ MOST FINANCE JOBS REQUIRE STRONG COMPUTER SKILLS, INCLUDING GRAPHS AND SPREADSHEETS.
- ☒ **DO YOU HAVE A BANK ACCOUNT?**  
✓ EARNING, MANAGING, AND SAVING MONEY DURING HIGH SCHOOL HELPS BUILD THE BASIC SKILLS NEEDED IN FINANCE CAREERS.
- ☒ **ARE YOU ORGANIZED AND RELIABLE?**  
✓ FINANCE PROFESSIONAL HAVE TO ORGANIZE, STORE, AND PROTECT CONFIDENTIAL FINANCIAL RECORDS AND OTHER IMPORTANT DATA.

IF YOU ANSWERED “YES” TO MOST OF THESE QUESTIONS, FINANCE COULD BE RIGHT FOR YOU.

**ACCOUNTING PROGRAM**

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Career Preparedness OR Business Software Applications I OR Personal Finance (foundation)
2 <sup>nd</sup> Course	Accounting
3 <sup>rd</sup> Course	Advanced Accounting
4 <sup>th</sup> Course	Economics and Financial Services
5 <sup>th</sup> Course	Work-based Learning/Cooperative Education (or other elective)
6 <sup>th</sup> Course	Career Pathway Project - Finance
<b>Career Readiness Indicators</b> • ASK Institute – Concepts of Finance • IC <sup>3</sup> Global Standard 4 6 (or higher) • Intuit® Quickbooks Certified User • Microsoft Office- Access Expert 2019/O365 • Microsoft Office – Excel Expert 2019/O365 • Microsoft Office – Word Expert 2019/O365 • Microsoft Office Specialist – Associate 2019/O365 (MOS) (Two of the following areas REQUIRED) – Access, Excel, Outlook, PowerPoint, SharePoint, Word • Certified Guest Service Professional • Certiport- Entrepreneurship and Small Business • Certiport Information Technology Specialist (ITS) - Databases • National Retail Federation – National Professional Certification in Customer Service and Sales	
<b>Potential Workforce Careers</b> • Accountant • Chief Financial Officer • Financial Analyst • Fraud Specialist • Credit Analyst • Loan Officer • Account Representative • Bank Teller • Insurance Appraiser • Underwriter • Actuary • Securities/Investments Analyst • Stock Broker • Debt Counselor	

**Business Software Applications I** - Business Technology Applications is 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. Prerequisite: None Fee: \$25

**Accounting** - Accounting is a one-credit course designed to help students understand the basic principles of the accounting cycle. Emphasis is placed on basic accounting, analyzing and recording business transactions, preparing and interpreting financial statements, and performing banking and payroll activities. Prerequisite: Either of the three foundation courses Fee: \$25

**Accounting, Advanced** – Advanced Accounting is a one-credit course designed to provide students with an increased emphasis on accounting principles and techniques for solving business problems and making financial decisions. Prerequisite: Accounting Fee: \$25

**Personal Finance** – Personal Finance is a course designed to introduce students to the management of personal and family resources to achieve personal goals and financial literacy. Prerequisite: None Fee: \$25

**Economics and Financial Services** - Economics and Financial Services presents basic topics in economics, including the principles and practices of banking, credit, and consumer lending in the United States. Additional emphasis is placed on money management, economic growth and stability, and characteristics of different economic systems and financial institutions. The course includes the major functions of banks and other financial intermediaries, central banking and the Federal Reserve System, current trends in the finance industry, credit functions, principles of credit risk evaluation, loan creation, debt collection, and stocks and bonds. Prerequisite: Either of the three foundation courses Fee: \$25

**Career Pathway Project-Finance** - Career Pathway Project is a 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. Teacher approval is required. Prerequisite: Successful Completion of Two Career/Tech Courses Fee: \$25

**GOVERNMENT AND PUBLIC ADMINISTRATION**  
**GO PUBLIC**

- ☒ **ARE YOU INTERESTED IN NEWS AND CURRENT EVENTS?**  
☒ ONE OF THE BEST WAYS TO PREPARE FOR A CAREER IN GOVERNMENT & PUBLIC ADMINISTRATION IS TO KEEP INFORMED ABOUT NEWS AND CURRENT EVENTS.
- ☒ **DO YOU HAVE STRONG PUBLIC SPEAKING SKILLS?**  
☒ JOBS IN THIS CAREER CLUSTER OFTEN INVOLVE COMMUNICATING IN VARIOUS WAYS, SUCH AS LETTER WRITING AND SPEECH MAKING.
- ☒ **DO YOU HAVE STRONG ORGANIZATIONAL AND TIME MANAGEMENT SKILLS?**  
☒ TO ENSURE QUALITY, ANY GOOD JOB CANDIDATE, NO MATTER THEIR CAREER PATH, MUST POSSESS STRONG ORGANIZATIONAL AND TIME MANAGEMENT SKILLS.
- ☒ **DO YOU TAKE PART IN STUDENT GOVERNMENT ASSOCIATIONS AND CLUBS?**  
☒ STUDENT ORGANIZATIONS ARE A GREAT STEPPING-STONE TOWARD CAREERS IN GOVERNMENT & PUBLIC ADMINISTRATION.
- ☒ **DO YOU ENJOY HELPING OTHERS?**  
☒ THE GOAL OF EVERY JOB IN GOVERNMENT & PUBLIC ADMINISTRATION IS TO HELP YOUR COMMUNITY.

IF YOU ANSWERED “YES” TO MOST OF THESE QUESTIONS, GOVERNMENT & PUBLIC ADMINISTRATION COULD BE RIGHT FOR YOU.

**JROTC PROGRAM**

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Army JROTC Leadership Education and Training I (LET-I)
2 <sup>nd</sup> Course	Army JROTC Leadership Education and Training II (LET-II)
3 <sup>rd</sup> Course	Army JROTC Leadership Education and Training III (LET-III)
4 <sup>th</sup> Course	Army JROTC Leadership Education and Training IV (LET-IV)
5 <sup>th</sup> Course	Army JROTC Drill 1 (elective)
6 <sup>th</sup> Course	Army JROTC Drill 2 (elective)
7 <sup>th</sup> Course	Army JROTC Drill 3 (elective)
8 <sup>th</sup> Course	Army JROTC Drill 4 (elective)
Career Readiness Indicators	
• Army JROTC Certificate • FAA Part 107 • JROTC NOCTI – Leadership and Employability Skills	
Potential Workforce Careers	
• All Careers	

- JROTC Leadership and Education Training (LET) I** - The JROTC program provides students with learning experiences beneficial in any future career. Satisfactory completion of the program can lead to advanced placement credit in senior JROTC or advanced rank in the active Army, Army Reserve, or the National Guard. Topics of study include U.S. Military history, personal hygiene, leadership, human relations, staff functions and procedures, first aid, military map reading, techniques of oral communications, marksmanship, orienteering, drill and ceremony, and civil defense. Students in JROTC courses have opportunities to participate in a variety of extra-curricular activities that benefit the school, community, and individual. Uniforms are provided for students. Students that complete this course meet the requirement for LIFE. Prerequisite: None Fee: None
- JROTC Leadership Education and Training (LET) II** - This subsequent JROTC course continues the learning and application of concepts and skills begun in JROTC Leadership and Education Training I. Students earn leadership positions based on their prior experiences. Prerequisite: JROTC LET I Fee: None
- JROTC Leadership Education and Training (LET) III** - This subsequent JROTC course continues the learning and application of concepts and skills begun in JROTC Leadership and Education Training II. Students earn leadership positions based on their prior experiences. Prerequisite: JROTC LET II Fee: None
- JROTC Leadership Education and Training (LET) IV** - This subsequent JROTC course continues the learning and application of concepts and skills begun in JROTC Leadership and Education Training III. Students earn leadership positions based on their prior experiences. Prerequisite: JROTC LET III Fee: None
- Army JROTC 2b** - This course is designed to develop proficiency in health/wellness and CPR techniques, and an appreciation for self-awareness techniques (“Winning Colors”), modern technologies, career opportunities, and role of the U.S. Army, military history, and physical fitness. Prerequisite: None Fee: None
- Army JROTC 3b** - This course develops an understanding of the justice system (military and civilian), the role of the U.S. Armed forces, safety (hunting and boating), orienteering, physical fitness, new technologies, military history, and motivational learning techniques such as “Power Learning.” Prerequisite: None Fee: None
- JROTC Leadership Application** - 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. Prerequisite: Previous JROTC Leadership and Education Training Course Fee: None
- JROTC Drill and Rifle** - JROTC Drill and Rifle Team members are selected from the JROTC program. Students practice and demonstrate precision drills and represent the school and program at various school and community events. Leadership, teamwork, and dedication are emphasized. Uniforms are provided. Prerequisites: JROTC and Teacher Recommendation Fee: None
- Career Pathway Project-Government and Public Administration** - Career Pathway Project is a 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. Teacher approval is required. Prerequisite: Successful Completion of Two Career/Tech Courses Fee: \$25

HEALTH SCIENCE  
SAVE LIVES FOR A LIVING

- ☒ DO YOU ENJOY HELPING OTHERS?

☒ THERE ARE PLENTY OF INTERESTING JOBS AVAILABLE FOR CARING, PATIENT, AND HELPFUL PEOPLE IN NURSING, ATHLETIC TRAINING, REHABILITATION AND OTHER HEALTH-RELATED FIELDS.
- ☒ IS SCIENCE ONE OF YOUR FAVORITE SUBJECTS?

☒ TO SUCCEED IN ANY HEALTH-RELATED CAREER, YOU NEED TO UNDERSTAND AND ENJOY SCIENCE.
- ☒ DO YOU LIKE WORKING ON PROJECTS AS PART OF A TEAM?

☒ JOBS SUCH AS FINDING SOLUTIONS TO COMPLEX HEALTH PROBLEMS, CARING FOR PATIENTS, AND MANAGING HEALTH-CARE FACILITIES ALL REQUIRES TEAMWORK.
- ☒ DO YOU ENJOY DOING HANDS-ON EXPERIMENTS IN A LAB?

☒ TRAINING FOR ALL HEALTH-RELATED CAREERS INCLUDES LOTS OF LAB WORK, SO YOU NEED TO BE ABLE TO FOLLOW DIRECTIONS CAREFULLY AND TAKE ACCURATE MEASUREMENTS.
- ☒ ARE YOU INTERESTED IN HOW THE HUMAN BODY WORKS?

☒ EVERYTHING IN HEALTH SCIENCE IS RELATED TO THE HUMAN BODY IN SOME WAY.

IF YOU ANSWERED “YES” TO MOST OF THESE QUESTIONS, HEALTH SCIENCE COULD BE RIGHT FOR YOU.

HEALTH SCIENCE PROGRAM  
Patient Care Pathway

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Foundations of Health Science (required prerequisite)
2 <sup>nd</sup> Course	Human Body Structures and Functions (optional)
3 <sup>rd</sup> Course	Emergency Services (optional)
4 <sup>th</sup> Course	Patient Care Technician (optional)
5 <sup>th</sup> Course	Therapeutic Services
6 <sup>th</sup> Course	Health Science Internship
<b>Career Readiness Indicators</b> <div>• BACE – Biotechnician Assistant Credentialing Exam • BLS Instructor with Healthcare Provider • Certified Billing and Coding Specialist (CBCS) • Certified Clinical Medical Assistant (CCMA) • Certified Patient Care Technician (CPCT) • Certified Nursing Assistant (CNA) • Certified Electronic Health Records Specialist (CEHRS) • Certified Medical Administrative Assistant (CMAA) • Certified EKG Technician (CET) • Certified Pharmacy Technician (CPhT) • Elanco Veterinary Medical Applications Certification • Emergency Medical Dispatcher (EMD) • National Emergency Medical Responder (EMR) • National Emergency Medical Technician (EMT) • Lifeguard Certification (American Lifeguard Association or American Red Cross) • Alabama Fire College Public Safety Telecommunicator</div>	
<b>Potential Workforce Careers</b> <div>• Therapeutic Services• Diagnostic Services• Support Services • Health Informatics • Biotechnology Research and Development • Athletic Trainer • Audiologist • Certified Nursing Assistant • Dental Assistant • Dental Hygienist • Dentist • Dietitian/Nutritionist • Emergency Medical Technician • Home Health Aide • Licensed Practical Nurse • Medical Assistant • Pharmacist • Pharmacy Technician • Physical Therapist • Physical Therapy Assistant • Physician • Physician Assistant • Veterinarian • Veterinarian Technician • Occupational Therapist</div>	

HEALTH SCIENCE PROGRAM  
Sports Medicine Pathway

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Foundations of Health Science (required prerequisite)
2 <sup>nd</sup> Course	Human Body Structures and Functions (optional)
3 <sup>rd</sup> Course	Sports Medicine Fundamentals
4 <sup>th</sup> Course	Sports Medicine Intermediate
5 <sup>th</sup> Course	Sports Medicine Advanced (11 <sup>th</sup> or 12 <sup>th</sup> Grade)
6 <sup>th</sup> Course	Health Science Internship
<b>Career Readiness Indicators</b> <div>• BACE – Biotechnician Assistant Credentialing Exam • BLS Instructor with Healthcare Provider • Certified Billing and Coding Specialist (CBCS) • Certified Clinical Medical Assistant (CCMA) • Certified Patient Care Technician (CPCT) • Certified Nursing Assistant (CNA) • Certified Electronic Health Records Specialist (CEHRS) • Certified Medical Administrative Assistant (CMAA) • Certified EKG Technician (CET) • Certified Pharmacy Technician (CPhT) • Elanco Veterinary Medical Applications Certification • Emergency Medical Dispatcher (EMD) • National Emergency Medical Responder (EMR) • National Emergency Medical Technician (EMT) • Lifeguard Certification (American Lifeguard Association or American Red Cross) • Alabama Fire College Public Safety Telecommunicator</div>	
<b>Potential Workforce Careers</b> <div>• Therapeutic Services• Diagnostic Services• Support Services • Health Informatics • Biotechnology Research and Development • Athletic Trainer • Audiologist • Certified Nursing Assistant • Dental Assistant • Dental Hygienist • Dentist • Dietitian/Nutritionist • Emergency Medical Technician • Home Health Aide • Licensed Practical Nurse • Medical Assistant • Pharmacist • Pharmacy Technician • Physical Therapist • Physical Therapy Assistant • Physician • Physician Assistant • Veterinarian • Veterinarian Technician • Occupational Therapist</div>	

**Biotechnology, Introduction to** - A one credit course designed to provide an overview of the biotechnology field. This advanced senior-level course emphasizes skill development, application of scientific concepts of biomedical research and development, mendelian genetics, gene structure and function, inheritance patterns, genetic abnormalities, and the human genome project. This course is one of the CTE courses that may be used to fulfill either the third and/or fourth credit in science OR be used to fulfill one or more of the three credit requirements in CTE/Foreign Language/Arts Education category. The CTE substitutes for science may not be used to fulfill both a core course and a CTE course; however, it may be used to earn completer status regardless of whether the course is used as a CTE course or as the third and/or fourth credit in science. Prerequisites: A Physical Science and Biology Fee: \$25

**Foundations of Health Science** - Foundations of Health Science provides students with the content knowledge for all subsequent health science courses. The course focuses on integrated academics combined with healthcare knowledge and skills to provide the framework for a strong healthcare delivery system. Laboratory experiences assist students in gaining competencies necessary for employment or continued learning in the field. As a required component of this class, students will tour community healthcare related agencies and facilities. Students must provide their own transportation to off-campus activities. This course may be taken simultaneously with the Core Human Body Structures and Functions course. The Foundations of Health Science is a substitute for the required health course; therefore, it may be used to fulfill the health graduation requirement. Prerequisites: Application and Selection Fee: \$25

**Human Body Structures and Functions** - This 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. This course may be taken simultaneously with the Foundations of Health Science course. This course is one of the CTE courses that may be used to fulfill either the third and/or fourth credit in science OR be used to fulfill one or more of the three credit requirements in CTE/Foreign Language/Arts Education category. The CTE substitutes for science may not be used to fulfill both a core course and a CTE course; however, it may be used to earn completer status regardless of whether the course is used as a CTE course or as the third and/or fourth credit in science. **NOTE:** Human Body Structures and Functions contains similar content to anatomy and physiology; therefore, a student who has already received a credit in anatomy and physiology may not receive a science credit for Human Body Structures and Functions. Prerequisites: A Physical Science, Biology and Foundations of Health Science Fee: \$25

**Sports Medicine Fundamentals** - 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. Prerequisite: Foundations of Health Science Fee: \$25

**Sports Medicine Intermediate** - 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. Prerequisite: Sports Medicine Fundamentals Fee: \$25

**Sports Medicine Advanced** - Sports Medicine Advanced is a one credit course with strong emphasis on musculoskeletal injuries as well as the psychological and sociological responses to injuries and illness. Students will demonstrate critical thinking skills, patient care skills related to prevention, rehabilitation, and management, and communicate appropriate outcomes through oral and written communication. Course content will include an understanding of basic pathophysiology, kinesiology, and principles of treatment. An analysis of a variety of health situations involved in the sports medicine pathway will be conducted through project-based learning, laboratory, simulation, and clinical experiences. Prerequisite: Sports Medicine Intermediate Fee: \$25

**Health Science Internship I (1 credit)/Therapeutic Services (1 credit)** - Health Science Internship I and Therapeutic Services comprise a two-credit advanced course designed for students to gain knowledge and skills in a variety of areas including, but not limited to nursing, medicine, therapy, dentistry, pharmacy, sports medicine, and other health-related careers. This course is designed to inform students of the rapid changes in business and industry through a rigorous array of coursework and work-based experiences that prepare them for advanced learning at the post-secondary level and a wide range of health career opportunities. This course is designed to be completed primarily in a community-based clinical setting with the healthcare professionals acting as supervisors and mentors. **All students enrolled in Health Science Internship I and Therapeutic Services are required to participate in drug testing.** Students must provide their own transportation, clinical uniforms, liability insurance and cost of drug testing. Prerequisites: Foundations of Health Science and Approval by Current Health Science Instructor Fee: \$50

**Emergency Services** – Emergency Services is a one-credit course that introduces students to the emergency medical profession. Course content emphasizes safety, human structure and function, assessment of emergency clients, ethical behavior, and emergency care procedures. Prerequisite: Foundations of Health Science Fee: \$25

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

**Career Pathway Project-Health Science** - Career Pathway Project is a 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. Teacher approval is required. Prerequisite: Successful Completion of Two Career/Tech Courses Fee: \$25



**HOSPITALITY AND TOURISM**  
**MAP OUT YOUR FUTURE**

- ☒ **DO YOU LIKE WORKING WITH PEOPLE?**  
✓ IN THIS CLUSTER, YOU HAVE TO RELATE WELL TO CLIENTS AND COWORKERS.
- ☒ **CAN YOU MULTI-TASK AND HANDLE DEADLINES?**  
✓ WORK CAN BE FAST-PACED IN HOSPITALITY & TOURISM.
- ☒ **ARE YOU INTERESTED IN PEOPLE FROM DIFFERENT BACKGROUNDS?**  
✓ THIS WORK CAN BRING YOU INTO CONTACT WITH PEOPLE FROM ACROSS THE COUNTRY AND AROUND THE WORLD.
- ☒ **CAN YOU STUDY AND MASTER NEW SUBJECTS AND SKILLS?**  
✓ TO GET AHEAD YOU HAVE TO UNDERSTAND THE INDUSTRY.
- ☒ **CAN YOU WORK EXTRA HOURS AND WEEKENDS?**  
✓ SOMETIMES YOU HAVE TO GO THE EXTRA MILE TO MEET YOUR CLIENTS' NEEDS.

IF YOU ANSWERED “YES” TO MOST OF THESE QUESTIONS, HOSPITALITY & TOURISM COULD BE RIGHT FOR YOU.

**FOOD AND BEVERAGE SERVICES PROGRAM**

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Introduction to Hospitality and Tourism (required foundation course)
2 <sup>nd</sup> Course	Culinary Arts I
3 <sup>rd</sup> Course	Culinary Arts II
4 <sup>th</sup> Course	Career Pathway Project – Hospitality and Tourism
<b>Career Readiness Indicators</b> • Alabama Certified Employee (ACE) • ProStart National Certificate of Achievement – COA (must pass the final exam for Level 1 and Level 2 and complete 400 hours of mentored work experience and then apply for credential) • ServSafe Manager • Certified Guest Service Professional • Certified Front Desk Representative • Food and Beverage – Skills for Success • Meat Cutter – Skills for Success	
<b>Workforce Careers</b> • Food/Beverage Service Manager • Editor • Technical Writer • Writer and Author • Food Journalist/Stylist/Photographer • Executive/Sous Chef • Food Processing Worker • Baker • Butcher and Meat Cutter • Food Batchmaker • Caterer	

**Introduction to Hospitality and Tourism** - Introduction to Hospitality and Tourism is the prerequisite for all other courses in the cluster. Major topics include sports, recreation, and attractions; management of hotels, resorts, and lodgings; travel and tourism; restaurants and food and beverage services; and customer relations and quality services. Although a full kitchen is not required for this course, students should have access to small appliances to prepare foods in various ways. Prerequisite: None Fee: \$25

**Culinary Arts I** - Culinary Arts I introduces students to basic food production, management, and service activities in both the back and front of the house. Emphasis is placed on sanitation, safety, and basic food preparation. Skills in mathematics, science, and communication are reinforced in this course. Prerequisite: Introduction to Hospitality and Tourism Fee: \$25

**Culinary Arts II** - Culinary Arts II builds on concepts presented in Culinary Arts I to provide expanded experiences in food production, management, and service. Topics include food safety and sanitation, foodservice operations, advanced food production, and international, regional, and cultural cuisine. Skills in mathematics, communication, creative thinking, and entrepreneurship are reinforced in this course. Prerequisite: Culinary Arts I Fee: \$25

**Event Planning and Management** - 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. Students are prepared for various career opportunities in event planning. Prerequisite: Introduction to Hospitality and Tourism Fee: \$25

**Career Pathway Project-Hospitality and Tourism** - Career Pathway Project is a 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. Teacher approval is required. Prerequisite: Successful Completion of Two Career/Tech Courses Fee: \$25

TRAVEL AND TOURISM PROGRAM

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Introduction to Hospitality and Tourism (required foundation course)
2 <sup>nd</sup> Course	Travel and Tourism I
3 <sup>rd</sup> Course	Travel and Tourism II
4 <sup>TH</sup> Course	Event Planning and Management
5 <sup>th</sup> Course	Career Pathway Project – Hospitality and Tourism
<b>Career Readiness Indicators</b> • Alabama Certified Employee (ACE)• Certified Hospitality and Tourism Professional (must pass the final exam for Year 1 and Year 2, complete 100 hours of work experience, and then apply for credential) • ServSafe Manager • Certified Guest Service Professional • Certified Front Desk Representative • Hotel Operations – Skills for Success	
<b>Potential Workforce Careers</b> • Event Planner • Usher, Lobby Attendant, and Ticket Taker/Manager • Amusement and Recreation Attendant/Planner • Baggage Porter and Bellhop • Concierge • Tour Guide and Escort • Recreation Worker • Counter and Rental Clerk • Travel Agent • Reservation and Transportation Ticket Agent and Travel Clerk • Aircraft Cargo Handling Supervisor • Travel Journalist/ Photographer	

**Introduction to Hospitality and Tourism** - Introduction to Hospitality and Tourism is the prerequisite for all other courses in the cluster. Major topics include sports, recreation, and attractions; management of hotels, resorts, and lodgings; travel and tourism; restaurants and food and beverage services; and customer relations and quality services. Prerequisite: None Fee: \$25

**Travel and Tourism I** - Travel and Tourism I focuses on creating travel itineraries, planning trips and events, reviewing travel trends, developing marketing plans, and creating budgets. In addition, content standards emphasize the importance of advocacy and the impact it has on the travel and tourism industry. Prerequisite: Introduction to Hospitality and Tourism Fee: \$25

**Travel and Tourism II** - Travel and Tourism II builds on the content of Travel and Tourism I, focusing on economics, marketing, operations, safety and security, and local and regional tourism. Standards are designed to enable students to gather and utilize data to forecast industry trends; utilize marketing techniques to achieve an organization's tourism goals; and explain the vital roles of group, convention, and meeting planning to create jobs now and in the future. In addition, standards are written to enhance students' understanding of how travel and tourism affect local, state, and regional economies. Prerequisite: Travel and Tourism I Fee: \$25

**Career Pathway Project-Hospitality and Tourism** -Career Pathway Project is a 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. Teacher approval is required. Prerequisite: Successful Completion of Two Career/Tech Courses Fee: \$25

**HUMAN SERVICES**  
**LEND A HELPING HAND**

- ☒ **DO YOU ENJOY HELPING OTHERS?**  
☒ THERE ARE PLENTY OF INTERESTING JOBS AVAILABLE IN THE HUMAN SERVICES CAREER CLUSTER, AND THEY ALL GIVE YOU A CHANCE TO HELP OTHERS.
- ☒ **DO YOU HAVE STRONG PUBLIC SPEAKING SKILLS?**  
☒ JOBS IN HUMAN SERVICES OFTEN REQUIRE YOU TO SPEAK IN FRONT OF GROUPS, BOTH LARGE AND SMALL.
- ☒ **DO YOU ENJOY WORKING ON GROUP PROJECTS IN SCHOOL?**  
☒ HUMAN SERVICES IS ALL ABOUT PERSONAL INTERACTION. YOU'LL NEED TO BE COMFORTABLE AND EXPERIENCED WORKING IN A GROUP.
- ☒ **DO YOU THRIVE UNDER PRESSURE?**  
☒ HUMAN SERVICES JOBS TEND TO FORCE YOU TO THINK FAST ON YOUR FEET.
- ☒ **WOULD YOU DESCRIBE YOURSELF AS “PATIENT” AND “COMPASSIONATE”?**  
☒ WHEN WORKING WITH PEOPLE, IT IS ESSENTIAL THAT YOU ACCEPT EACH INDIVIDUAL FOR WHO THEY ARE.

IF YOU ANSWERED “YES” TO MOST OF THESE QUESTIONS, HUMAN SERVICES COULD BE RIGHT FOR YOU.

**FOOD, WELLNESS, AND DIETETICS PROGRAM**

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Introduction to Family and Consumer Sciences (foundation)
2 <sup>nd</sup> Course	Food and Nutrition (if offered, or another FACS elective)
3 <sup>rd</sup> Course	Event Planning and Management (if offered, or another FACS elective)
4 <sup>th</sup> Course	Sports Nutrition (if offered, or another FACS elective)
5 <sup>th</sup> Course	Baking and Pastry Arts (if offered, or another FACS elective)
6 <sup>th</sup> Course	Career Pathway Project – Human Services
<b>Career Readiness Indicators</b> • ServSafe Manager • ASK Institute – Concepts of -Business Management • Ask Insitute – Concepts of Entrepreneurship • Certified Guest Service Professional • Food and Beverage - Skills for Success • ServSafe Food Handler	
<b>Potential Workforce Careers</b> • Food Service Manager • Chemical Engineer • Food Scientist and Technologist • Biochemist and Biophysicist • Microbiologist • Chemist • Dietitian and Nutritionist • Editor • Technical Writer • Sports Nutritionist • Food Journalist/Stylist/Photographer	

**Introduction to Family and Consumer Sciences** - This is a comprehensive course that serves as the foundational course in Family and Consumer Science Education. Students explore family, food, clothing, housing, financial, and consumer needs. Additional concepts of study include goal setting, etiquette, table setting, marriage readiness, parenting issues, balancing work and family, decision-making, technology, and career options related to family life.  
Prerequisite: None Fee: \$25

**Chemistry of Food** - Chemistry of Food is a specialized area of study 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. Students apply the scientific method to study scientific concepts and theories in the context of nutrition and foods while achieving academic standards and competencies in the area of chemistry, biochemistry, biology, and some physics at the analysis, synthesis, and evaluations level. Students develop critical-reasoning and mathematics 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. This course is one of the CTE courses that may be used to fulfill either the third and/or fourth credit in science OR be used to fulfill one or more of the three credit requirements in CTE/Foreign Language/Arts Education category. The CTE substitutes for science may not be used to fulfill both a core course and a CTE course; however, they may be used to earn completer status regardless of whether the course is used as a CTE course or as the third and/or fourth credit in science. **NOTE:** Chemistry of Food contains similar content to chemistry; therefore, a student who has already received a credit in chemistry may not receive a science credit for Chemistry of Food.  
Prerequisites: A Physical Science, Biology and Introduction to Family and Consumer Sciences Fee: \$25

**Dietetics** - 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. Prerequisite: Introduction to Family and Consumer Sciences Fee: \$25

**Food and Nutrition** - Food and Nutrition, formerly Food Dynamics, is a course for the study of food, nutrition, and wellness. Students will practice planning, preparing, and serving meals. They will also plan and prepare special occasion foods and cuisines from around the world. Other topics will include the food supply, nutrition, technology and careers. Prerequisite: Introduction to Family and Consumer Science Fee: \$25

**Food Innovations and Media** - 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. Prerequisite: Introduction to Family and Consumer Sciences Fee: \$25

**Event Planning and Management** - 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. Students are prepared for various career opportunities in event planning. Prerequisite: Introduction to Family and Consumer Sciences OR Introduction to Hospitality and Tourism Fee: \$25

**Sports Nutrition** - 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 this course. This course emphasizes the metabolic process and management of food choices for optimal health and physical performance. Prerequisite: Introduction to Family and Consumer Sciences Fee: \$25

**Entrepreneurship in Family and Consumer Sciences** - This is a one credit course taught in grades 9-12 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 interest 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 promotion, and theft control that influence the flow of goods and services from producer to consumer. Students are prepared to create and manage their own Family and Consumer Sciences business or embark on a career related to business development. Prerequisite: Introduction to Family and Consumer Sciences Fee: \$25

**Career Pathway Project-Human Services, FACS** - Career Pathway Project is a 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. Teacher approval is required. Prerequisite: Successful Completion of Two Career/Tech Courses Fee: \$25

**FASHION PROGRAM**

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Introduction to Family and Consumer Sciences (required prerequisite)
2 <sup>nd</sup> Course	Fashion
3 <sup>rd</sup> Course	Fashion Design
4 <sup>th</sup> Course	Fashion Media
5 <sup>th</sup> Course	Retail and Fashion Marketing
4 <sup>th</sup> Course	-Career Pathway Project – Human Services
<b>Career Readiness Indicators</b>	
• National Retail Federation – National Professional Certification in Customer Service and Sales • ASK Institute – Concepts of Entrepreneurship • Ask Institute – Concepts of Business Management • ServSafe Manager	
<b>Workforce Careers</b>	
• Wholesale and Retail Buyer • Fashion Designer • Merchandise Displayer and Window Trimmer • Editor • Technical Writer • Supervisor, Sales or Production Workers • Retail Salesperson • Laundry and Dry-Cleaning Worker • Custom Tailor and Seamstress • Fashion Stylist/Journalist/ Photographer • Ecommerce Entrepreneur	

**Family and Consumer Sciences** - This is a comprehensive course that serves as the foundational course in Family and Consumer Science Education. Students explore family, food, clothing, housing, financial, and consumer needs. Additional concepts of study include goal setting, etiquette, table setting, marriage readiness, parenting issues, balancing work and family, decision-making, technology, and career options related to family life. Prerequisite: None Fee: \$25

**Fashion** - Fashion is a course in Family and Consumer Science Education. Students will explore clothing decisions and acquisition; apparel history; clothing care and construction; and technology and careers. A school-based fashion sewing laboratory is required for this course. Prerequisite: Introduction to Family and Consumer Science Fee: \$25

**Fashion Design** - Fashion Design is a course for students interested in fashion, fashion design, and apparel and textile design technology. 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 apparel and textile industries. Prerequisite: Fashion Fee: \$25

**Fashion Media** - 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 Prerequisite: Fashion Fee: \$25.

**Retail and Fashion Marketing** - Retail and Fashion Marketing is designed to provide students with an overview of retail and fashion marketing principles and practices. This course introduces students to the retail industry, including the fundamentals of fashion marketing, key marketing concepts essential to every business, types of businesses involved in the industry, fashion industry economics, and an array of career opportunities. Standards are written in ways that encourage skill development in marketing segmentation and target marketing, product selection and buying, and inventory systems. Prerequisite: Fashion Fee: \$25



COSMETOLOGY AND BARBERING PROGRAM

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Introduction to Cosmetology OR Introduction to Barbering (Required Prerequisite)
2 <sup>nd</sup> Course	Chemical Services
3 <sup>rd</sup> Course	Hair Coloring
4 <sup>th</sup> Course	Salon Practices and Management
5 <sup>th</sup> Course	Career Pathway Project In Cosmetology and Barbering
6 <sup>th</sup> Course	CTE Lab in Cosmetology/Barbering
Career Readiness Indicators	
Alabama Certified Employee (ACE) • Barber Licensure • Certiport- Entrepreneurship and Small Business (must hold concentrator status) • Cosmetologist Licensure • Esthetician Licensure • Manicurist Licensure • Natural Hair Styling Licensure • National Retail Federation- National Professional Certification in Customer Service and Sales •	
Potential Workforce Careers	
• Cosmetologist • Barber • Hair Colorist • Skin Care Specialist • Make Up Artist • Nail Technician • Shampoo Assistant • Salon Owner	

**Introduction to Cosmetology** - This is a comprehensive course that serves as the foundational course in the Cosmetology Program. This course 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 experiences in sanitation, shampooing, hair shaping, and hairstyling. Upon successful completion of this course, students are able to practice safety and sanitation precautions as they perform basic cosmetology procedures. Due to facility limitations, this course is taught only at Holt High School for students enrolled at Brookwood High School, Holt High School, and Tuscaloosa County High School. Prerequisites: Application and Instructor Approval Fee: \$70 [\$25 fee and \$45 Cosmetology Kit (1 manikin, 4 brushes, 12 combs, and 12 hair clips)]

**Introduction to Barbering** - Introduction to Barbering is a one-credit course that provides students with a study of concepts related to the Barbering profession. Specific topics include Barbering history and career opportunities, professional image, infection control, and basic fundamentals and principles of hair care and 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 Barbering procedures. Introduction to Barbering is the prerequisite to Chemical Services, Hair Coloring, Salon Practices and Management, and State Board Practicum. 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. Prerequisite: Application and Instructor Approval Fee: \$25

**Salon Practices and Management** - This course enables students to develop entry-level management skills for the cosmetology industry. Students will 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. Due to facility limitations, this course is taught only at Holt High School for students enrolled at Brookwood High School, Holt High School, and Tuscaloosa County High School. Prerequisites: Intro to Cosmetology/Barbering and Instructor Approval Fee: Varies – Either \$70 [\$25 fee and \$45 Cosmetology Kit (1 manikin, 4 brushes, 12 combs, and 12 hair clips)] OR \$55 (\$25 fee and \$30 manikin)

**Chemical Services** - This course 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. **Chemical Services must be taken with Hair Coloring.** Due to facility limitations, this course is taught only at Holt High School for students enrolled at Brookwood High School, Holt High School, and Tuscaloosa County High School. Prerequisites: Introduction to Cosmetology/Barbering and Instructor Approval Fee: Varies – Either \$70 [\$25 fee and \$45 Cosmetology Kit (1 manikin, 4 brushes, 12 combs, and 12 hair clips)] OR \$55 (\$25 fee and \$30 manikin)

**Hair Coloring** - This course provides students with study and experience in hair coloring and lightening. Emphasis is placed on color application, laws, levels and classification 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. **Hair Coloring must be taken with Chemical Services.** Due to facility limitations, this course is taught only at Holt High School for students enrolled at Brookwood High School, Holt High School, and Tuscaloosa County High School. Prerequisites: Introduction to Cosmetology/Barbering and Instructor Approval Fee: Varies – Either \$70 [\$25 fee and \$45 Cosmetology Kit (1 manikin, 4 brushes, 12 combs, and 12 hair clips)] OR \$55 (\$25 fee and \$30 manikin)

**Career Pathway Project in Cosmetology and Barbering**—Career Pathway Project is a 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. Teacher approval is required. Prerequisite: Successful Completion of Two Career/Tech Courses Fee: \$25

**INFORMATION TECHNOLOGY**  
**WIRE THE WORLD**

- ☒ **ARE YOU GOOD AT MATH?**  
✓ MATHEMATICS IS THE BASIS FOR THE WAY COMPUTERS WORK.
- ☒ **DO YOU LIKE TO TAKE THINGS APART AND PUT THEM BACK TOGETHER?**  
✓ IT JOBS REQUIRED TOP-NOTCH ENGINEERING SKILLS, INCLUDING A KNACK FOR FIGURING OUT WHAT MAKES THINGS TICK.
- ☒ **CAN YOU EXPLAIN COMPUTERS TO PEOPLE WHO HAVE LIMITED EXPERIENCE WITH THEM?**  
✓ IT JOBS ARE PROJECT-BASED, SO YOU NEED TO BE ABLE TO COMMUNICATE AND WORK WELL WITH OTHERS.
- ☒ **ARE YOU INTERESTED IN THE WAY BUSINESSES WORK?**  
✓ MANY IT PROJECTS INVOLVE AUTOMATING BUSINESS OPERATIONS.
- ☒ **ARE YOU DETAIL ORIENTED?**  
✓ IN IT, SMALL MISTAKES CAN CRASH LARGE SYSTEMS.

IF YOU ANSWERED “YES” TO MOST OF THESE QUESTIONS, INFORMATION TECHNOLOGY COULD BE RIGHT FOR YOU.

**COMPUTER SCIENCE PROGRAM**

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Exploring Computer Science OR Introduction to Digital Literacy and Computer Science
2 <sup>nd</sup> Course	AP Computer Science Principles
3 <sup>rd</sup> Course	AP Computer Science A
4 <sup>th</sup> Course	Computer Game and Simulation Programming
5 <sup>th</sup> Course	Career Pathway Project - Information Technology
<b>Career Readiness Indicators</b>  • Fiber Optics – Skills for Success • Certified Internet Web (CIW) -JavaScript Specialist • Certiport Information Technology Specialist (ITS) - HTML5 Application Development • Certiport Information Technology Specialist (ITS) - Software Development • Certiport Information Technology Specialist (ITS) - Artificial Intelligence • Certiport Information Technology Specialist (ITS) - JavaScript • Certiport Information Technology Specialist (ITS) - Java • Certiport Information Technology Specialist (ITS) - Python • Certiport Information Technology Specialist (ITS) - Databases • CompTia IT Fundamentals • Microsoft Azure AI Fundamentals •Microsoft Azure Data Fundamentals • Microsoft Office – Access Expert 2019/0365 • Microsoft Office – Excel Expert 2019/0365 • Microsoft Power Platform Fundamentals • FAA Part 107 •Oracle Certified Associate (OCA) - Java Programmer • TestOut PC Pro	
<b>Potential Workforce Careers</b>  • Software Engineer • Applications Software Developer • Game Developer • Computer Engineer • Programmer Analyst • Project Manager • Programmer Analyst • Project Lead Specialist • Administrator Test Engineer • System Administrator • Computer Science Teacher • Information Security Analyst	

**Exploring Computer Science** - Exploring Computer Science is an introductory year-long high school computer science course for students in Grades 9-10 focused on foundational computer science concepts and computational practices. Students will be introduced to the breadth of the field of computer science through an exploration of engaging and accessible topics. The course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of Exploring Computer Science is to develop in students the computational practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today’s students. Students will also be introduced to topics such as interface design, limits of computers, and societal and ethical issues. Prerequisite: It is recommended that students have completed Algebra I prior to enrolling or be concurrently enrolled in Algebra I. Exploring Computer Science is designed to be a college preparatory high school course and thus, should provide a rigorous, but accessible, introduction to computer science. No previous computer science experience is required.

Prerequisite: None

Fee: \$25

**Introduction to Digital Literacy and Computer Science** - Intro to Digital Literacy and Computer Science is a full credit high school computer science course focused on the development of skills in computational thinking and digital literacy. Students will discover how they already act as computational thinkers, digital citizens, collaborators, analysts, and designers within their everyday lives. They will develop and apply these skills within computer science contexts to solve problems or discuss issues related to digital tools, global collaboration, ethical and legal behavior, and security, privacy, and safety in a digital world. Students will engage in individual and collaborative projects to create authentic products. Prerequisite: It is recommended that students have completed Algebra I prior to enrolling or be concurrently enrolled in Algebra I. Introduction to Digital Literacy and Computer Science is designed to be a college preparatory high school course and thus, should provide a rigorous, but accessible, introduction to computer science. No previous computer science experience is required.

Prerequisite: None

Fee: \$25

**Computer Science Principles, Advanced Placement\* \*\*** - This course is designed to introduce students to the central ideas of professional-level computing and the primary principles of computer science. It is a college-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for computer science. This course focuses on the innovative and multidisciplinary aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives. This course introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. This course is one of the CTE courses that may be used to fulfill the fourth credit in math OR be used to fulfill one or more of the three credit requirements in CTE/Foreign Language/Arts Education category. The CTE substitutes for math may not be used to fulfill both a core course and a CTE course; however, they may be used to earn completer status regardless of whether the course is used as a CTE course or as the fourth credit in math. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board’s AP exam for weighted credit. Prerequisites/Corequisite: Course(s) fulfilling Algebra II with Stats Requirement

Fee: \$25 plus AP exam fee

**Computer Science A, Advanced Placement\*\*** - A one-credit college-level course following the curriculum established by the College Board Advanced Placement Program for computer science; emphasizes object-oriented programming methodology with a concentration on problem-solving and algorithm development. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit.  
Prerequisite: AP Computer Science Principles Fee: \$25 plus AP exam fee

**Computer Game and Simulation Programming** - Computer Game and Simulation Programming standards are designed to equip students with the skills needed to prepare for higher education and for success in careers such as a computer game simulator, designer, programmer, or software developer. Interest and involvement in the gaming industry has grown substantially over the years. Professions in this industry require technical skill proficiency, competency-based applied learning, higher-order reasoning, teamwork, and problem-solving skills. The course integrates core academic subjects with elements of visual design, digital audio and video, storyboarding, and collaboration to attain the knowledge, skills, and attitudes necessary to compete successfully in the gaming production industry.  
Prerequisite: Exploring Computer Science OR Introduction to Digital Literacy and Computer Science Fee: \$25

**Career Pathway Project in Information Technology** - 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. Prerequisite: Successful Completion of Two Career/Tech Courses in the Computer Science Pathway. Fee: \$25

**MANUFACTURING**  
**MAKE IT TO THE TOP**

- ☒ **DO YOU ENJOY WORKING WITH OTHERS?**  
✓ THERE ARE PLENTY OF INTERESTING JOBS IN THE FIELD OF MANUFACTURING, AND THEY ALL REQUIRE TEAMWORK.
- ☒ **DO YOUR FAVORITE SUBJECTS INCLUDE SCIENCE AND MATH?**  
✓ TO SUCCEED IN MANUFACTURING, YOU NEED TO UNDERSTAND AND ENJOY MATH AND SCIENCE.
- ☒ **ARE YOU UP FOR A CHALLENGE?**  
✓ MANUFACTURING OPERATIONS ARE OFTEN COMPLEX. SUCCESS IN THE FIELD REQUIRES WORKERS TO CONSTANTLY STRIVE TO TAKE THEIR SKILLS TO THE NEXT LEVEL.
- ☒ **DO YOU LIKE WORKING WITH COMPUTERS?**  
✓ MANUFACTURING MACHINERY IS BECOMING MORE AND MORE COMPUTERIZED.
- ☒ **DO YOU ENJOY PROBLEM SOLVING?**  
✓ THE ESSENCE OF MANUFACTURING IS PROBLEM SOLVING.

IF YOU ANSWERED “YES” TO MOST OF THESE QUESTIONS, MANUFACTURING COULD BE RIGHT FOR YOU.

**MODERN MANUFACTURING PROGRAM**

Sequence	Recommended Pathway Courses
1 <sup>st</sup> and 2 <sup>nd</sup> Courses	Workforce Readiness (incl. NCCER Core) and Manufacturing 1 Safety
3 <sup>rd</sup> and 4 <sup>th</sup> Courses	Manufacturing 2 Quality and Manufacturing 3 Production
5 <sup>th</sup> and 6 <sup>th</sup> Courses	Manufacturing 4 Maintenance and Career Pathway Project - Manufacturing
<b>Career Readiness Indicators</b>	
• NCCER Core • FANUC CERT – Handling Tool Operations and Programming • MSSC Certified Production Technician (CPT) • Alabama Certified Employee (ACE)	
<b>Potential Workforce Careers</b>	
• Manufacturing Operations Technician • Manufacturing Operations Manager • Machine Operator • Materials Handler • Process Operator • Team Manager	

**Workforce Readiness** - Workforce Readiness standards are designed to provide 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, teamwork, safety and health. Because the TCSS Modern Manufacturing program is affiliated with the Modern Manufacturing Center of Excellence through WestAlabama Works!, Workforce Readiness serves as the required foundation course for the program rather than Introduction to Manufacturing. Prerequisite: None Fee: \$25

**Manufacturing I: Safety** - Manufacturing I: Safety provides students with knowledge of industrial safety, leadership, and communication. Topics included personal protective equipment, fire and electrical safety, work area safety, hazardous material and material handling safety, and tool and machine safety. Prerequisite: Workforce Readiness Fee: \$25

**Manufacturing II: Quality** - Manufacturing II: Quality provides students with knowledge of quality practices and measurement. Topics include blueprint reading, basic measurement, precision measurement, quality systems, and statistical process control concepts. Prerequisite: Manufacturing I Fee: \$25

**Manufacturing III: Production** - Manufacturing III: Production is designed to provide students with knowledge of manufacturing processes, production, and equipment. Topics include mechanical principles and linkages, material quality control, machining processes and machine tooling, equipment procedures, production planning and workflow, and production control. Prerequisite: Manufacturing II Fee: \$25

**Manufacturing IV: Maintenance** - Manufacturing IV: Maintenance is designed to show students the importance of maintenance awareness in the manufacturing setting and provide the knowledge they need to carry out basic maintenance procedures. The importance of cleaning, inspections, and preventive maintenance is stressed. Areas of focus include basic electric circuits, power, pneumatic, and hydraulic power systems; lubrication concepts, bearings and couplings, belt and chain drives, and machine automation and control concepts. Prerequisite: Manufacturing III Fee: \$25

**CTE Lab in Manufacturing** – CTE Lab in Manufacturing is an extended laboratory experience to address the advancement and specialization of careers within Manufacturing 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.  
Prerequisite: Workforce Readiness and Manufacturing II Fee: \$25

**Career Pathway Project - Manufacturing** – 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. Prerequisite: CTE Lab in Manufacturing Fee: \$25

**MARKETING**  
**MARKET YOURSELF**

- ☒ **DO YOU ENJOY ART, WRITING, OR PUBLIC SPEAKING?**
  - ✓ **MARKETING, SALES & SERVICE JOBS REQUIRE EMPLOYEES TO COMBINE TEHIR CREATIVE STRENGTHS WITH STRONG COMMUNICATION SKILLS.**
  
- ☒ **ARE YOU GOOD AT CONVINCING YOUR FRIENDS TO FOLLOW YOUR LEAD?**
  - ✓ **SALES IS ALL ABOUT EARNING YOUR CLIENTS' TRUST.**
  
- ☒ **ARE YOU FRIENDLY AND OUTGOING?**
  - ✓ **THE ABILITY TO WORK WELL WITH OTHERS IS VITAL TO CUSTOMER RELATIONS – A KEY ELEMENT OF CAREERS IN THIS CLUSTER.**
  
- ☒ **DO YOU ENJOY SPEAKING TO GROUPS OF PEOPLE?**
  - ✓ **THE MARKETING, SALES & SERVICE CAREER CLUSTER WILL PUT YOUR PUBLIC SPEAKING SKILLS TO THE TEST.**
  
- ☒ **DO YOU HAVE STRONG ORGANIZATIONAL AND TIME MANAGEMENT SKILLS?**
  - ✓ **TO MEET CLIENT EXPECTATIONS, YOU MUST BE WELL ORGANIZED.**

**IF YOU ANSWERED “YES” TO MOST OF THESE QUESTIONS, MARKETING, SALES & SERVICE COULD BE RIGHT FOR YOU.**

**MARKETING PROGRAM**

Sequence	Recommended Pathway Courses
1 <sup>st</sup> Course	Career Preparedness OR Business Software Applications I
2 <sup>nd</sup> Course	Marketing Principles
3 <sup>rd</sup> Course	Digital Marketing
4 <sup>th</sup> Course	Sports and Entertainment Marketing
5 <sup>th</sup> Course	Work-based Learning/Cooperative Education (or other elective)
6 <sup>th</sup> Course	Career Pathway Project - Marketing
<b>Career Readiness Indicators</b>  • Adobe Certified Professional – Photoshop • Adobe Certified Professional – Dreamweaver • • Adobe Certified Professional – Premier Pro • Adobe Certified Professional – InDesign • Adobe Certified Professional – Illustrator • ASK Institute – Concepts of Entrepreneurship an Management • ASK Institute – Fundamental Business Concepts • ASK Institute – Fundamental Marketing Concepts • Certiport – Entrepreneurship and Small Business (most hold concentrator status) • IC <sup>3</sup> Global Standard 4 (or higher) • IC <sup>3</sup> Global Standard 6 (or higher) • Certified Guest Service Professional • Microsoft Office – Access Expert 2019/0365 • Microsoft Office – Excel Expert 2019/0365 • Microsoft Office – Word Expert 2019/0365 • Microsoft Office Specialist (MOS) - Associate 2019/0365 (Two of the following areas REQUIRED) –Excel Associate, Outlook Associate, PowerPoint Associate , Word Associate • National Retail Federation – National Professional Certification in Customer Service and Sales	
<b>Potential Workforce Careers</b>  • Chief Executive Officer • Marketing Research Analyst • Public Relations Manager • Entrepreneur • Franchisee • Advertising and Promotions Manager • Store Manager • Retail Marketing Coordinator • Merchandising Manager • Merchandise Buyer • Visual Merchandise Manager • Sales Manager • Research Associate • Sports Marketing Manager • Social Media Manager	

**Business Software Applications I** - Business Software Applications I is 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.  
Prerequisite: None Fee: \$25

**Marketing Principles** - Marketing Principles is designed to provide students with an overview of 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 relationships skills, ethics, technology applications, and communicating in the workplace. Prerequisite: None Fee: \$25

**Entrepreneurship** - Entrepreneurship focuses on the skills needed to organize, develop, create, and manage a business in a variety of environments. Course standards are designed to foster an entrepreneurial mindset; encourage innovation, critical thinking, and problem-solving in a fast-paced professional setting; and build basic knowledge of various entrepreneurial ventures. Prerequisite: None Fee: \$25

**Digital Marketing** - Digital Marketing introduces students to digital marketing techniques, tools, and methods, including email, websites, applications, social media, and other electronic means. This course focuses on how to develop and conduct digital marketing campaigns. Emphasis is placed on creating, implementing, and critiquing online advertising, email marketing, websites, social media, mobile marketing, search-engine optimization, video and images, podcasts, webcasts, and creating and repurposing content for use in digital environments. Prerequisite: None Fee: \$25



<p><b>Business Communications</b> - Business Communications focuses on how employees and management interact with each other and with groups and individuals outside the organization to reach organizational goals, objectives, and activities. This course emphasizes oral, written, and digital communication techniques, and content is designed to encourage exploration of business ethics, teamwork, conflict resolution, and leadership skills. Content standards require the use of presentation and word processing software to create business communications. Standards require proficiency in producing documents and multimedia presentations. <u>Prerequisite: None</u></p>	<p><b>Fee: \$25</b></p>
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**Customer Service and Sales** – Customer Service and Sales is designed to provide instruction on basic principles of customer service and selling. This course focuses on the identification and classification of customer services, technology literacy issues related to customer service, and the human relations, leadership, organizational, and communication skills necessary for success in customer service. In addition, this course offers instruction related to selling and sales, including professional sales, sales presentations, types of compensation, and characteristics and traits associated with successful selling.

Prerequisite: None

Fee: \$25

**Internet Marketing** – 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. **Prerequisite:** None **Fee:** \$25

**Sports and Entertainment Marketing** – 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. Students will foster a realistic understanding of the business environment in which marketing activities are performed and develop an understanding and appreciation of business ethics. Technology, employability skills, leadership and communications will be incorporated in classroom activities. Prerequisite: None Fee: \$25

**Integrated Marketing Communications and Branding** – 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. **Prerequisite:** None **Fee:** \$25

**Career Pathway Project-Marketing** - Career Pathway Project is a 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. Teacher approval is required. Prerequisite: Successful Completion of Two Career/Tech Courses Fee: \$25

## **TRANSPORTATION, DISTRIBUTION AND LOGISTICS**

### **GET ON THE FAST TRACK**

- ☒ **ARE YOU A NASCAR, BOATING OR BMX FAN?**
  - ✓ **AN INTEREST IN AND PASSION FOR AUTOMOTIVE AND OFF-ROAD SPORTS IS OFTEN A SOUND BASIS FOR A CAREER IN TRANSPORTATION, DISTRIBUTION & LOGISTICS.**
- ☒ **ARE YOU STRONG AND COORDINATED?**
  - ✓ **SOME OF THE JOBS IN THIS CLUSTER ARE PHYSICALLY INTENSE AND ARE OFTEN BEST PERFORMED BY JOB CANDIDATES WHO POSSESS GREAT PHYSICAL STRENGTH AND COORDINATION.**
- ☒ **DO YOU LIKE TO TRAVEL?**
  - ✓ **JOBS IN THE TRANSPORTATION, DISTRIBUTION & LOGISTICS CLUSTER CAN TAKE YOU ALL OVER THE GLOBE.**
- ☒ **DO YOU HAVE STRONG MATH, SCIENCE AND COMPUTER SKILLS?**
  - ✓ **MATH, SCIENCE AND COMPUTERS HAVE HELPED TO SHAPE THE LANDSCAPE IN WHICH THE JOBS IN THIS CAREER CLUSTER ARE PERFORMED.**
- ☒ **ARE YOU GOOD AT OPERATING TOOLS AND MACHINERY?**
  - ✓ **IT REQUIRES A PRECISE SET OF SKILLS TO OPERATE THE MACHINERY THAT MAKES THE JOBS IN THIS CAREER CLUSTER POSSIBLE.**

**IF YOU ANSWERED “YES” TO MOST OF THESE QUESTIONS, TRANSPORTATION, DISTRIBUTION & LOGISTICS COULD BE RIGHT FOR YOU.**

**AUTOMOTIVE TECHNOLOGY PROGRAM**

Sequence	Recommended Pathway Courses
1 <sup>st</sup> and 2 <sup>nd</sup> Courses	Automotive Technology-Foundations and Automotive Brake, Suspension, and Steering Repair I
3 <sup>rd</sup> and 4 <sup>th</sup> Courses	Automotive-Electrical Components I and Automotive Engine Repair and Performance I
5 <sup>th</sup> and 6 <sup>th</sup> Courses	Automotive Brake, Suspension, and Steering Repair II and Automotive Electrical Components II
7 <sup>th</sup> and 8 <sup>h</sup> Courses	Engine Repair and Performance II and Career Pathway Project T, D and L
<b>Career Readiness Indicators</b> • ASE Student Maintenance and Light Repair • ASE Student Suspension and Steering • ASE Student Brakes • ASE Electrical/Electronic Systems • ASE Student Engine Performance • ASE Student Engine Repair • ASE Student Automatic Transmission/Transaxle • ASE Student Heating and Air Conditioning • ASE Manual Drive Train and Axles • ASE Automotive Service Technician • Alabama Certified Employee (ACE)	
<b>Potential Workforce Careers</b> • Maintenance and Light Repair Technician • Automotive Service Technician • Master Automotive Service Technician	

**Automotive Technology Foundations** - Automotive Technology Foundations is designed to equip students with basic knowledge and skills regarding safety, engine repair, automatic transmissions, and manual drive trains. A major focus of this course is system and component operations. Standards are designed to equip students to diagnose and repair engine performance related systems. This course is the foundation for all other automotive technology courses. This course incorporates personal and environmental safety practices associated with clothing and eye protection, hand tools, power equipment, ventilation, and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations. Content standards are written to meet Automotive Service Excellence (ASE) Education Foundation requirements, which also specify task lists, program hours, and safety standards.  
Prerequisite: None Fee: \$25

**Automotive Brake, Suspension, and Steering Repair I** - Automotive Brake, Suspension, and Steering Repair I is designed to equip students with foundational knowledge and skills regarding automotive suspension, steering, and brake systems. Strong emphasis is placed on system and component operations. Standards are designed to equip students to diagnose and repair engine performance related systems. This course incorporates personal and environmental safety practices associated with clothing, eye protection, hand tools, power equipment, ventilation, and material/chemical handling. Local, state, and federal safety and environmental regulations will be followed. Prerequisite: Automotive Technology Foundations Fee: \$25

**Automotive Electrical Components I** - Automotive Electrical Components I is designed to equip students with foundational knowledge and skills regarding safety, electrical, and electronics systems. Standards are designed to equip students to diagnose and repair engine performance related electrical systems. This course incorporates personal and environmental safety practices associated with clothing, eye protection, hand tools, power equipment, ventilation, and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations. Prerequisite: Automotive Brake, Suspension, and Steering Repair I Fee: \$25

**Automotive Engine Repair and Performance I** - Automotive Engine Repair and Performance I is designed to equip students with foundational knowledge and skills regarding safety, engines, and engine performance. Standards are designed to equip students to diagnose and repair engine performance related systems. This course incorporates personal and environmental safety practices associated with clothing, eye protection, hand tools, power equipment, ventilation, and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations. Prerequisite: Automotive Electrical Components I Fee: \$25

**Automotive Brake, Suspension, and Steering Repair II** - Automotive Brake, Suspension, and Steering Repair II is designed to equip students with service knowledge and skills regarding diagnosis and repair of automotive brake, steering, and suspension systems. This course incorporates standards that address personal and environmental safety practices associated with clothing, eye protection, hand tools, power equipment, ventilation, and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations. Prerequisite: Automotive Engine Repair and Performance I Fee: \$25

**Automotive Electrical Components II** - Automotive Electrical Components II is designed to equip students with service knowledge and skills regarding safety, electrical, and electronics systems. Standards are designed to equip students to diagnose and repair electrical systems related to engine performance. This course incorporates personal and environmental safety practices associated with clothing and eye protection, hand tools, power equipment, ventilation, and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations. Prerequisite: Automotive Brake, Suspension, and Steering Repair II Fee: \$25

**Automotive Engine Repair and Performance II** - Automotive Engine Repair and Performance II is designed to equip students with service knowledge and skills regarding safety, engines, and engine performance. Standards are designed to equip students to diagnose and repair systems related to engine performance. This course incorporates standards that address personal and environmental safety practices associated with clothing and eye protection, hand tools, power equipment, ventilation, and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations. Prerequisite: Automotive Electrical Components II Fee: \$25

**Career Pathway Project-Transportation, Distribution and Logistics** - Senior Career Pathway Project is a 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. Teacher approval is required. Prerequisite: Successful Completion of Two Career/Tech Courses Fee: \$25

LOGISTICS PROGRAM

Sequence	Recommended Pathway Courses
1 <sup>st</sup> and 2 <sup>nd</sup> Courses	Introduction to Logistics (foundation) and Foundations of Warehousing and Distribution
3 <sup>rd</sup> and 4 <sup>th</sup> Courses	Industry-Specific Logistics Processes and Global Logistics and Supply Chain Management
5 <sup>th</sup> and 6 <sup>th</sup> Course	Career Pathway Project and CTE Lab in T, D and L
<b>Career Readiness Indicators</b> • CDL A – Skills for Success • CDL B – Skills for Success • CDL Passenger Endorsement – Skills for Success • School Bus Endorsement – Skills for Success • CDL HazMat Endorsement – Skills for Success • Skid Steer – Skills for Success • Bulldozer - Skills for Success • Asphalt Roller – Skills for Success • FAA Part 107 • MSSC Certified Logistics Associate • MSSC Certified Logistics Technician	
<b>Potential Workforce Careers</b> • Logistics Technician • Logistics Specialist • Supply Chain Manager • Dispatcher • Facilities Manager • Event Coordinator • Warehouse Associate • Warehouse Manager • Storage Manager • Warehousing Forklift Operator • Shipping Supervisor • Transportation Manager	

**Introduction to Logistics** - Introduction to Logistics is designed to equip students with knowledge and skills regarding the fundamental elements of logistics. Standards are designed for students to investigate various topics related to the field with emphasis on logistics affiliates, real-world scenarios, system applications, and associated terminology. Topics include the logistics environment, supply chain management, material-handling equipment, and technology. Prerequisite: None Fee: \$25

**Foundations of Warehousing and Distribution** - Foundations of Warehousing and Distribution is designed to equip students with knowledge and skills regarding the principles of warehousing and distribution. Standards are written to provide students with experiences to support warehousing functions to ensure goods and materials are processed efficiently. Students investigate various topics related to warehousing with emphasis on safety, processes, teams, cost, supply and demand, inventory, and associated terminology. Specific topics include warehouse safety, warehouse logistics, transport modes, quality control principles, teamwork and problem-solving, and procurement. Prerequisite: Introduction to Logistics Fee: \$25

**Industry-Specific Logistics Processes** - Industry-Specific Logistics Processes is designed to equip students with knowledge and skills regarding logistics in various industry sectors in Alabama. Standards require students to investigate integrated logistics services for all sectors with emphasis on products, storage systems, equipment, picking systems, order fulfillment, and material management. Specific topics include receiving, storing, order processing and picking, packing and shipping, inventory control, dispatch and tracking operations, and industry sectors. Prerequisite: Foundations of Warehousing and Distribution Fee: \$25

**Global Logistics and Supply Chain Management** - Global Logistics and Supply Chain Management is designed to equip students with knowledge and skills regarding the process of managing the flow of goods through the supply chain from the point of origin to the final destination. Standards are written for students to investigate trends in green logistics, various aspects of international environmental laws and requirements, e-commerce applications, and innovative technologies in logistics. Specific topics include green logistics, e-commerce, key performance indicators, IT systems, and future trends in logistics. Prerequisite: Industry-Specific Logistics Processes Fee: \$25

**Career Pathway Project- Transportation, Distribution and Logistics** - Career Pathway Project is a 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. Teacher approval is required. Prerequisite: Successful Completion of Two Career/Tech Courses Fee: \$25

TUSCALOOSA CAREER TECHNOLOGY ACADEMY (TCTA) ELECTIVES

All courses at TCTA are one semester/one credit courses unless otherwise noted. All courses at TCTA have a \$25 course fee unless otherwise noted.

Bus transportation may be available for students taking career technical education courses taught at the Tuscaloosa Career Technology Academy. Students may be allowed to drive personal vehicles to Tuscaloosa Career Technology Academy pending written parental consent.

TCTA programs link the core academics with careers projected to be in demand for the next ten to twenty years. Each program provides a rigorous and enriching curriculum, actively involving employers and higher education institutions, in readying students for both college and careers, while also providing students with a purpose for continued learning.

Programs provide hands-on activities that require students to problem-solve by making use of the core academics, in particular mathematics, science and English, while developing skills currently noted by business and industry as lacking, including working in teams, problem solving, communication and work ethic.

Students completing a program will earn work-ready credentials that will significantly enhance their portfolios, while also providing an enriched foundation to facilitate advancement in post-secondary studies. Students who maintain a “B” or better average in their chosen academy will be eligible for articulated post-secondary credit and/or preferential points for highly competitive programs.

Students may earn completer status by successfully completing three career and technical education courses in a program or by successfully completing two career and technical education courses in a program along with another course related to the student’s career choice.

All TCTA courses may be found at <https://www.tuscaloosacityschools.com/Page/1115>.

**ACADEMIC ELECTIVES AND OTHER ELECTIVES**

**AAS: Community Based Instruction (9, 10, 11, 12)** - This course is for students in grades 9-12 enrolled in a community-based instruction course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards. Course objectives emphasize learning beyond the classroom through community integration. Prerequisite: None Fee: None

**AAS: Elective (9, 10, 11, 12)**- This course is for students in grades 9-12 enrolled in an elective course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards. Course objectives are contained within a broad framework in which individualized academic and transition needs of the student are addressed. This course may be used to fulfill the health requirement using alternate achievement standards. Prerequisite: None Fee: None

**AAS: Life Skills – (9, 10, 11, 12)**- This course is for students in grade 10 who are enrolled in a life skills course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards. Course objectives emphasize increasing independence and self-determination skills. Prerequisite: None Fee: None

**AAS: Pre-Vocational (9, 10, 11, 12)** - This course is for students in grades 9-12 enrolled in a pre-vocational course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards. Course objectives emphasize job exploration and pre-employment readiness instruction. Prerequisite: None Fee: None

**AAS: Vocational (9, 10, 11, 12)** - This course is for students enrolled in grades 9-12 in a vocational course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards. Course objectives emphasize increasing job readiness and employability skills. Prerequisite: None Fee: None

**ACT/College Preparation (one-half credit)** - This course is designed to improve student competence in areas tested on standardized college entrance examinations such as the ACT. College bound students who have completed or are currently enrolled in Algebra II or Algebra II with Trig will benefit most from participation in test preparation activities. Students will explore college admissions and requirements, explore careers, prepare academic resumes, and research scholarship programs. Prerequisite: None Fee: \$25

**Bible as Literature** - As a foundational course for upper-level literary analysis, Reading the Bible as Literature is a class that examines the archetypes and literary focus of the Biblical narrative. With a literary, not a theological, focus, this class will attempt to equip students to analyze works of the Western Canon, which allude to the Bible more than any other text. No prior biblical background is required to take this class. This course may not be used to fulfill core course requirements. Prerequisite: None Fee: None

**African-American Literature (one credit OR one-half credit)** - In this elective course, oral and written projects, environment activities, and guest speakers are used to explore black literature and history from the mid-18<sup>th</sup> century to present. Students explore the African literary traditions of folk tales and epics. Skills in reading and interpreting literature are enhanced through presentations, speeches, discussion, poems, essays, short stories, plays and novels. This course may not be used to fulfill core course requirements. Prerequisite: None Fee: None

**Comparative Government and Politics, Advanced Placement\*\* (one-half credit OR one credit)** - Advanced Placement (AP) Comparative Government and Politics is a college-level course that follows the guidelines of The College Board. This course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. Comparison assists both in identifying problems and in analyzing policymaking. In addition to covering the major concepts that are used to organize and interpret what is known about political phenomena and relationships, the course covers specific countries and their governments. Six countries form the core of the AP Comparative Government and Politics course: China, Great Britain, Iran, Mexico, Nigeria, and Russia. By using these six countries, the course moves the discussion of concepts from abstract definition to concrete example, noting that not all concepts will be equally useful in all country settings. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit. Prerequisite: Course fulfilling U.S. History II requirement Fee: \$25 Plus AP exam fee

**Contemporary Literature** - Contemporary literature is a contemporary course in a seminar setting. Students discuss, compare, critique and analyze works of popular modern authors. Students also explore thematic patterns and examine authors' purpose and style while improving independent reading skills and overall reading success. Students will be required to share, verbally and in writing, their analyses of a wide variety of contemporary works. This course may not be used to fulfill core course requirements. Prerequisite: None Fee: None

**Creative Writing I (one credit OR one-half credit)** - This elective is designed to provide students opportunities to write creative, original works of prose, poetry, and drama. Students engage in various writing activities including mimicking styles, developing pieces based on visual and audio prompts, writing in groups, and writing on self-selected themes. Students are expected to take constructive criticism for the purpose of improvement. Students will learn to critically evaluate their own work and the works of others. Students may be asked to subscribe to a literary publication and to submit work for publication and/or competitions. This course may not be used to fulfill core course requirements. Prerequisite: None Fee: None

**Creative Writing II (one credit OR one-half credit)** - Creative Writing II expands on the concepts taught in Creative Writing. Students will submit work for various competitions and develop works for publication. Students will fine tune their skills in writing and focus on a specific area of interest, such as fiction writing, nonfiction writing, poetry, or playwriting; students will develop a portfolio of writing samples and published articles for college admissions and internship interviews. This course may not be used to fulfill core course requirements. Prerequisite: Creating Writing Fee: None

**Creative Writing III (one credit OR one-half credit)** - Creative Writing III is an English elective that brings concepts taught in Creative Writing II into greater detail and development. Students complete in writing contests, participate in the crafting of a literacy magazine, and produce works to be submitted for local, state, and national publications. This workshop style class includes extensive study of writing poetry, prose, nonfiction, screenwriting, and playwriting. This course may not be used to fulfill core course requirements. Prerequisite: Creating Writing Fee: None

**Creative Writing IV (one credit OR one-half credit)** - Creative Writing IV is an English elective that builds on the concepts taught in Creative Writing III. Much like Creative Writing III, students complete in writing contests, participate in the crafting of a literacy magazine, and produce works to be submitted for local, state, and national publications. In this workshop style class, students streamline their writing to highlight a specific form of writing. This course may not be used to fulfill core course requirements. Prerequisite: Creating Writing Fee: None



**Dance Line (one credit OR one-half credit)** - Dance Line is designed to allow members to enhance their dance skills, provide quality entertainment, promote school spirit, and emphasize cooperative teamwork. Members must be in good physical condition, willing to practice after school and during summer months, and available for scheduled performances. Additional costs may include uniforms, travel, or other expenses associated with performances. This course may not be used to fulfill the CTE and/or foreign language and/or arts education study. Prerequisite: Selection through Try-Outs Fee: \$25

**Debate** - Research skills, logic and persuasion, and public speaking are all part of a debate class. Students will participate in activities that encourage all three of these elements. Students will learn how to perform in various oral interpretation activities. Opportunities to participate in debate tournaments may be available. This course may not be used to fulfill core course requirements. Prerequisite: Speech Fee: None

**Elective Lab Course Math** – This course is provided for instructional support for students in Geometry with Data Analysis, Algebra I with Probability, and Algebra II with Statistics. Credit for this class period will fall under general electives, not mathematics. Fee: None

**ESL Level I (one credit OR one-half credit)** - This course is for students learning core English language development at the secondary level. The English Language Learners (ELLs) acquire academic language and communicative competence through the implementation of the World-class Instructional Design and Assessment-English Language Proficiency (WIDA-ELP) Standards. This course may not be used to fulfill core course requirements. Prerequisite: None Fee: None

**ESL Level II (one credit OR one-half credit)** - This course is for students learning core English language development at the secondary level. The English Language Learners (ELLs) acquire academic language and communicative competence through the implementation of the World-class Instructional Design and Assessment-English Language Proficiency (WIDA-ELP) Standards. This course may not be used to fulfill core course requirements. Fee: None

**ESL Level III (one credit OR one-half credit)** - This course is for students learning core English language development at the secondary level. The English Language Learners (ELLs) acquire academic language and communicative competence through the implementation of the World-class Instructional Design and Assessment-English Language Proficiency (WIDA-ELP) Standards. This course may not be used to fulfill core course requirements. Fee: None

**European History, Advanced Placement\*\*** - Advanced Placement (AP) European History is a college-level course that follows the guidelines of The College Board. AP European History is offered for the capable and ambitious student. It is designed to provide students with the analytical and factual information necessary to deal critically with problems and issues in the history of Europe. Students use advanced reading, writing, and evaluative skills to examine the development of European civilization from the 14th century to the present. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit. This course may not be used to fulfill core course requirements. Prerequisite: Previous History Course Fee: \$25 plus AP exam fee

**Flag Corps/Color Guard (one credit OR one-half credit)** - Flag Corps/Color Guard members perform with the Marching Band at athletic events, band competitions, and community events. Students who participate in Flag Corps/Color Guard should be in good physical condition, willing to practice after school and during summer months, and available for scheduled performances. After marching season, Flag Corps/Color Guard members may be required to play instruments in the Concert or Symphonic Band. Additional costs may include uniforms, travel, or other expenses associated with performances. This course can neither be used to meet the one-half arts education credit required for graduation nor to fulfill the CTE and/or foreign language and/or arts education study. Prerequisite: Selection through Try-Outs Fee: \$25

**Freshman Seminar (one credit OR one-half credit)** - This course is designed to help 9<sup>th</sup> graders make the most of their high school experience through development of good study habits, building resumes, selecting appropriate extra-curricular activities, handling peer pressure, and making suitable career choices. Topics will include introduction to school, preparing for coursework, counseling department orientation, planning for post-graduation options, community involvement, and others. Prerequisite: 9<sup>th</sup> Grade Status Fee: None

**History through Film (one credit OR one-half credit)** - History through Film focuses on American history through the use of film. Films focused on military history, social history, key American individuals, and regional cultures will be used to promote critical thinking skills about topics in American history. The medium of film will be used to engage students in discussion, stimulate debate, and improve writing skills. This course may not be used to fulfill core course requirements. Fee: None

**Human Geography, Advanced Placement\*\*** - Advanced Placement (AP) Human Geography is a college-level course that follows the guidelines of The College Board. AP Human Geography 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. Students also learn about the methods and tools geographers use in their research and applications. On successful completion of the course, students should have developed the skills that enable them to: interpret maps and analyze geospatial data; understand and explain the implications of associations and networks among phenomena in places; recognize and interpret the relationships among patterns and processes at different scales of analysis; define regions and evaluate the regionalization process; characterize and analyze changing inter connections among places. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit. This course may not be used to fulfill core course requirements. Fee: \$25 plus AP exam fee

**Language of Math (one credit OR one-half credit)** – This course is designed for newcomer high school students who either have limited and/or interrupted formal schooling or newcomers who will benefit from a course that will prepare them for the core subject. In this course, students will learn and/or review core content concepts and skills while expanding their knowledge of the English academic language of math. Emphasis placed on syntax and terminology. Fee: None

**Language of Science (one credit OR one-half credit)** – This course is designed for newcomer high school students who either have limited and/or interrupted formal schooling or newcomers who will benefit from a course that will prepare them for the core subject. In this course, students will learn and/or review core content concepts and skills while expanding their knowledge of the English academic language of science. Emphasis placed on syntax and terminology. Fee: None

**Legal Issues (one credit OR one-half credit)** - This course is offered to provide students with a basic understanding of their legal rights and responsibilities. The course addresses general problems in the areas of criminal and juvenile justice, torts, consumer issues, family law, housing issues, and issues of individual liberty. Students examine the practical aspects of law in everyday life. Emphasis is placed upon the basic values and principles of the American judicial system. This course may not be used to fulfill core course requirements. Prerequisite: None Fee: None

**Literature through Film (one credit OR one-half credit)** - Literature through Film will analyze the film industry's adaptations of literature. The literature studied in the class will range from American to British to world. The different literacy genres studied will include myths and fairy tales, short stories, poetry, dramas, graphic novels, non-fiction, and contemporary and classic novels. Students will learn to critically analyze texts through various literary theories and then apply their understanding of the texts' literary elements to their analysis of the texts' cinematic versions. The class will compare and contrast the original texts with their film adaptations and analyze the significance of their findings. The class will further develop students' advanced literacy and film analysis skills, writing skills, and presentation skills. The class will culminate in a group project in which students will script, film, and produce a cinematic interpretation of a selected piece of literature. This course may not be used to fulfill core course requirements. Prerequisite: None Fee: None

**Literary Magazine** - In this course, the school's literary magazine will be produced and created by students and composed entirely of students' creative works. The magazine is produced using the latest in design software, computer technology, and digital reproduction of artwork and photographs. Students study cutting-edge techniques of magazine layout and design along with the creative components of the literary magazine including fiction, nonfiction, poetry, artwork, and photography. Students learn to use Adobe Creative Suite delving most deeply into InDesign and PhotoShop—the two software programs used most extensively in all avenues of modern publishing. Students develop the needed skills to approach and partner with community businesses in order to foster reciprocal relationships. Prerequisite: Application and English teacher recommendation Fee: None

**Majorette (one credit OR one-half credit)** - Majorettes perform with the Marching Band at athletic events, band competitions, and community events. Students who participate as majorettes should be in good physical condition, willing to practice after school and during summer months, and available for scheduled performances. After marching season, majorettes may be required to play instruments in the Concert or Symphonic Band. Additional costs may include uniforms, travel, or other expenses associated with performances. This course may not be used to fulfill the CTE and/or foreign language and/or arts education study. Prerequisites: Try-Outs and Selection Fee: \$25

**Mass Media I** - This English elective explores the world of communication arts: newspaper, television, radio and film. Students will receive hands-on experience in each area and will study the history of each medium, as well as its impact on society. Students should be prepared to develop, write, and produce various media projects. Journalism is now incorporated into this course. This course may not be used to fulfill core course requirements. Prerequisites: Application and Selection Fee: \$25

**Mass Media II** - This English elective explores the world of communication arts: newspaper, television, radio and film. Students will receive hands-on experience in each area and will study the history of each medium, as well as its impact on society. Students should be prepared to develop, write, and produce various media projects. Journalism is now incorporated into this course. This course may not be used to fulfill core course requirements. Prerequisites: Application and Selection; Mass Media I Fee: \$25

**Mass Media III** - This English elective explores the world of communication arts: newspaper, television, radio and film. Students will receive hands-on experience in each area and will study the history of each medium, as well as its impact on society. Students should be prepared to develop, write, and produce various media projects. Journalism is now incorporated into this course. This course may not be used to fulfill core course requirements. Prerequisites: Application and Selection; Mass Media II Fee: \$25

**Mass Media IV** - This English elective explores the world of communication arts: newspaper, television, radio and film. Students will receive hands-on experience in each area and will study the history of each medium, as well as its impact on society. Students should be prepared to develop, write, and produce various media projects. Journalism is now incorporated into this course. This course may not be used to fulfill core course requirements. Prerequisites: Application and Selection; Mass Media III Fee: \$25

**Math Seminar (one credit OR one-half credit)** - This preparatory course will be mandatory for entering 9<sup>th</sup> grade students who would benefit from more experience in basic math skills. Placement will be determined by scores on 8<sup>th</sup> grade standardized tests and teacher recommendation. Math deficiencies will be addressed individually. Students will receive elective credit for this course. Prerequisite: Teacher Recommendation or IEP Placement Fee: None

**Mythology and Fable** - In this English literature elective course, students read, discuss, analyze and write about myths and fables from ancient Greece and Rome, Egypt, Mesopotamia, China, Japan, and India. Students also examine Native American and Norse myths and fables. Students explore the influence of mythology on modern language, culture, and daily life and compare ancient and modern epic heroes. This course may not be used to fulfill core course requirements. Prerequisite: None Fee: None

**Peer Helper (one credit OR one-half credit)** - This course is designed to teach students to be positive role models and helpers to those in the school and community. Students will assist their peers through such activities as one-to-one helping relationships, group leadership, discussion leadership, tutoring and other activities of an interpersonal helping nature. Peer helpers increase their own personal growth and gain exposure to possible future occupations in the helping professions. In this course students will begin training on how to provide a variety of useful and helpful services for schools. These services include, but are not limited to: talking with peers about personal or school problems; referring to community resources or providing information about the school's counseling program; serving as group leaders, group counseling assistants, teachers of helping skills to other students, communication skills trainers or peer helper trainers; tutoring in academic areas, serving as readers for nonreaders or assisting special education consultants in working with learning and behaviorally disabled students; welcoming and guiding new students and their parents around the school; serving as listeners or as a resource for populations that may feel uncomfortable talking with adults or reducing crisis situations by alerting the administration or school counselor to problems of a serious nature. Prerequisites: Application and Selection Fee: \$25

**Peer Leader (one credit OR one-half credit)** - This course is designed to build on the foundation and skills mastered in in the Peer Helper course. Students will assist their peers through such activities as one-to-one helping relationships, group leadership, discussion leadership, tutoring and other activities of an interpersonal helping nature. Peer leaders increase their own personal growth and gain exposure to possible future occupations in the helping professions. In this course students will be continue their training on how to provide a variety of useful and helpful services for schools. These services include, but are not limited to: talking with peers about personal or school problems; referring to community resources or providing information about the school's counseling program; serving as group leaders, group counseling assistants, teachers of helping skills to other students, communication skills trainers or peer helper trainers; tutoring in academic areas, serving as readers for nonreaders or assisting special education consultants in working with learning and behaviorally disabled students; welcoming and guiding new students and their parents around the school; serving as listeners or as a resource for populations that may feel uncomfortable talking with adults or reducing crisis situations by alerting the administration or school counselor to problems of a serious nature. Prerequisite: Peer Helper Course Fee: \$25

**Psychology** - Psychology introduces the student to the field of psychology by drawing upon the research and theories of a wide range of scientists and practitioners. Areas of study in this elective course include developmental and physiological psychology, sensation, perception, motivation, emotion, personality, mental disorders and therapies. Students employ inductive reasoning, divergent thinking, independent study, and written and oral expression as they examine the field of psychology. This course may not be used to fulfill core course requirements. Prerequisite: 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> Grade Status Fee: None

**Psychology, Advanced Placement\*\*** - Advanced Placement (AP) Psychology is a college-level course that follows the guidelines of The College Board. AP Psychology is designed to provide students the opportunity to engage in an in-depth, systematic and scientific study of the behavior and mental processes of human beings and other animals. Students employ the methods psychologists use in their science and practice through hands-on experimentation. The course provides students with learning experiences equivalent to that of a typical college introductory psychology course. Upon completion of the course and satisfactory performance on the AP exam, students may earn advanced placement and/or credit upon entering college. Students are required to pay the fee for the College Board examination prior to the examination date scheduled in May. Students receive 1.0 extra quality point for successfully completing this course. Students must take the College Board's AP exam for weighted credit. Prerequisites: 11<sup>th</sup> or 12<sup>th</sup> Status and Biology Fee: \$25 plus AP exam fee

**REACH Advisory** – A class in which students meet at certain times under the supervision of a faculty advisor who implements REACH Advisory lessons and serves as an advocate for his/her students. 0.25 credits can be awarded each year; a maximum of 1.0 credits can be earned over the course of a student's high school career. Prerequisite: None Fee: None

**Reading Seminar (one credit OR one-half credit)** - This preparatory course will be mandatory for entering 9<sup>th</sup> grade students who would benefit from more experience in basic reading skills. Placement will be determined by scores on 8<sup>th</sup> grade standardized tests and teacher recommendation. Reading deficiencies will be addressed individually. Students will receive elective credit for this course. Prerequisite: Teacher Recommendation or IEP Placement Fee: None

**Research and Design in Biology (one credit)** - Scientific process and application skills; independent study; safety issues and research protocols; controlling/manipulating variables; statistical analysis and display of data; design and completion of inquiry project; scientific paper; competition in fairs and paper symposia; computer application; laboratory-based; technology. This course may not be used to fulfill core course requirements. Prerequisites: Teacher Recommendation (Pairs with AP Biology) Fee: None

**Research and Design in Chemistry (one credit)** – Use of the science and engineering practices and crosscutting concepts in the science framework to develop science and engineering design/technology research and projects; independent study; safety issues and research protocols; may include scientific paper; competition in fairs and paper symposia. This course may not be used to fulfill core course requirements. Prerequisites: Teacher Recommendation (Pairs with AP Chemistry) Fee: None

**Research and Design in Physics (one credit)** - Scientific process and application skills; independent study; safety issues and research protocols; controlling/manipulating variables; statistical analysis and display of data; design and completion of inquiry project; scientific paper; competition in fairs and paper symposia; computer application; laboratory-based; technology. This course may not be used to fulfill core course requirements. Prerequisites: Teacher Recommendation (Pairs with AP Physics) Fee: None

**Research and Writing, Advanced (one credit OR one-half credit)** - The primary objective of this elective course is to assist students with advanced research and writing skills in preparation for AP examinations. Students engage in activities designed to enhance their abilities in critical reading, analysis, and college-level writing. Students work with primary and secondary source documents and engage in Internet-based research. This course may not be used to fulfill core course requirements. Prerequisites: Any AP Course and/or Previous Advanced English Course and Teacher Recommendation Fee: None

**Science through Film** – Science through Film will analyze the film industry's depiction of scientific principles. The scientific principles studied in the class will range from standards and concepts in Earth and Space science, Environmental science, Biological science, and Physical science. Students will learn to critically analyze the film's depiction of scientific concepts and ideas, applying their understanding of scientific laws and facts to evaluate accuracy and relevance of the film's interpretation and depiction of scientific principles. Prerequisite: None Fee: None

**School Publications** - School Publications (formerly known as Yearbook Production) provides students with opportunities to learn a variety of practical skills: accounting, printing, layout, photography, advertising, interviewing, copy writing, editing, and cooperative learning. Students produce the school yearbook by participating in all aspects of planning, production, marketing, and distribution. Class activities may require after school or weekend participation. Students may take School Publications in subsequent terms for additional elective credit(s). Prerequisite: Application Fee: None

**Service Learning (one credit OR one-half credit)** - In this course, 12<sup>th</sup> grade students will participate in classroom-based, school-based, and community-based projects throughout the course. Service learning is coordinated with a school or community service program and with the community. It is integrated into and influences the lifelong learning of a participant and includes structured time for the participants to reflect on the service experience. Service learning teaches the skills of civil participation and develops an ethic of service and civic responsibility. Students will provide service in the community through public, nonprofit agencies, civic, charitable and governmental organizations and school campuses. Prerequisite: None Fee: \$25

**Service Learning-CTE (one credit OR one-half credit)** - This course is used to enhance the project-based learning in Career and Technical Education programs. This course is utilized to accommodate for travel when students are enrolled in courses at other high school campuses within our district, in courses at TCTA and in courses taken at post-secondary institutions (dual enrollment). Prerequisite: None Fee: \$25

**Sociology** - Sociology is the study of human society and social behavior. This elective course includes the study of cultures, cultural variation, cultural adaptation, socialization of the individual, adolescence, social stratification, social institutions, and social problems. Student activities include analysis of readings, written papers, research, discussion, critical analysis of information. This course may not be used to fulfill core course requirements. Prerequisite: None Fee: None

**Southern Literature (one credit OR one-half credit)** - Southern Literature will take students in grades 9-12 through an extensive and unique text set focused on exploring the development and progression of personal and cultural identities throughout the American South. Students will discuss, debate, critique and analyze literature (novels, short stories, poems, articles, songs, etc.) that explores themes prevalent in Southern culture and theory. Students will learn about a variety of uniquely Southern traditions, pastimes, and histories and how those events shape the American popular consciousness of the South. Each student will be expected to share, both out loud and in writing, their personal analyses of the works discussed in class. Daily activities will consist of whole class discussion of thematic elements, journaling about personal experiences related to those themes, and group activities aimed at fostering a deeper understanding of Southern culture. Most importantly, each student will take part in the deconstruction of Southern stereotypes and the reconstruction of a more accurate, more diverse concept of what it means to be a Southerner. This course may not be used to fulfill core course requirements. Prerequisite: None Fee: \$25

**Speech (one credit OR one-half credit)** Speech is an English elective that allows students to explore the many areas of speech communication, to improve speaking and listening skills, and to build self-confidence through participation in oral communication activities. Units of study include group participation, public speaking, storytelling, parliamentary procedure, oral interpretation, theater, and mass communication. Students may take Speech in subsequent terms for additional elective credit(s). This course may not be used to fulfill the CTE and/or foreign language and/or arts education study. Prerequisite: None Fee: None

**Study Strategies (one credit OR one-half credit)** - The purpose of this course is to enhance organization, listening, note-taking, and time management skills so that students can learn to managed their own learning style effectively and appropriately for academic success. This course is designed for students to be accelerated in the four core academic courses. Prerequisite: IEP/504/PST Recommendation or administrative placement based upon previous academic progress Fee: None

**Transition Services** - This course will provide additional transitional services preparation for students to become self-advocates, participate in post-secondary education and/or training to gain meaningful employment and support community participation as they plan for life after high school. For students pursuing an Alabama High School Diploma requiring two credits of Career/Technical Education, one credit workforce essentials and one credit cooperative education, this course meets the Workforce Essentials requirement when the school does not offer Workforce Essentials. Prerequisites: IEP Specifications and Placement Fee: \$25



PHYSICAL EDUCATION ELECTIVES

Physical education elective courses focus on the development and refinement of skills, knowledge, social and personal traits, and physical fitness acquired in grades K through 8 and in the required high school Beginning Kinesiology course. Physical education elective courses provide students opportunities to develop a commitment to an active lifestyle during the school day and beyond. These courses allow students to continue to refine or perhaps develop skills in areas of individual interest, including sports, games, athletics, or dance. Students in grades 9-12 are forming patterns for adult behaviors that include health-enhancing activities as an integral part of their daily or weekly routines. Effective instruction, appropriate supervision, adequate equipment, and a variety of opportunities allow students to reach their maximum potential for developing and maintaining a healthy, active lifestyle. These courses do not substitute for the required Beginning Kinesiology course.

**Boys' Weight Training OR Girls' Weight Training (one credit OR one-half credit)** - The weight training courses are elective courses designed to promote physical development, cardiovascular conditioning, flexibility, enhanced motor skills, and overall physical fitness. The course includes weightlifting, stretching, and aerobic exercises. Activities are structured to allow each participant to proceed at his or her own pace for optimum development. Activities and skills taught depend upon the availability of equipment and facilities that vary from school to school. Suitable gym clothes should be worn for class activities. Students may take this course in subsequent terms for additional elective credit(s). These courses do not substitute for the required Beginning Kinesiology course.  
Prerequisite: None Fee: \$25

**Boys' Athletics OR Girls' Athletics (one credit OR one-half credit)** - Athletics is a series of elective physical education programs designed to develop greater proficiency and mastery in specific team sports. Advanced skills and knowledge of rules used in interscholastic and recreational programs are taught in this course. Students should examine the list of available sports and then try out or sign up as recommended by the coaching staff. Students must select an alternative course as a second choice on selection cards; placement in an athletic sport is made only after try-outs and selection procedures are completed. Certain sports may require enrollment in the same course for two semesters. For some sports students may be encouraged to enroll in weight training or physical education for the opposite semester to continue or enhance physical conditioning for the sport. Coaches advise individual athletes on the best course selections for optimum performance. These courses do not substitute for the required Beginning Kinesiology course. **AHSAA Athletics – Baseball; Basketball; Cheerleading; Cross Country; Football; Golf; Soccer; Softball; Tennis; Track and Field; Volleyball; Wrestling**  
Prerequisites: Try-Out, Selection and Approval of Coach Fee: \$25

**Adventure/Cooperative Activities (one credit OR one-half credit)** - Orienteering (compass, map reading, hiking, climbing, camping); Project Adventure; Team building and cooperative activities. Prerequisite: Beginning Kinesiology Course Fee: \$25

**Strength and Conditioning** Elective course that will give students the tools and resources needed to be physically fit and healthy for a lifetime. This course is a stand-alone course open to all students. It is not part of, nor may it be combined with, varsity athletics. Prerequisite: Beginning Kinesiology Course Fee: \$25

**Lifetime Activities, Individual or Dual Sports (one credit OR one-half credit)** - Archery; Badminton; Cycling; Dance (line, hip-hop, folk and square, ballroom, etc.); Golf (with clubs, Frisbee golf); Gymnastics (tumbling, floor exercises, etc.); Handball; Tennis; Recreational games (deck tennis, shuffleboard, bowling, darts, table tennis, croquet). Prerequisite: Beginning Kinesiology Course Fee: \$25

**Sports Officiating Certification (one credit OR one-half credit)** - 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 to 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 academic school year. The teacher of this course must hold current registration as an Alabama High School Athletic Association official (any sport).  
Prerequisite: Beginning Kinesiology Course Fee: \$25

**Team Sports (one credit OR one-half credit)** - This course covers the basic concepts involved in team sports competition. Emphasis will be placed on refining basic skills, rules and regulation, officiating and team play. Upon completion, students should be able to participate and implement an intramural program. Basketball; Cricket; Field hockey; Flag football; Floor hockey; Lacrosse; Rugby; Soccer; Softball; Speedball; Team handball; Volleyball.  
Prerequisite: Beginning Kinesiology Course Fee: \$25

SERVICE ELECTIVES – STUDENT AIDES

No credit or grades are earned for service electives.

**Counselor Assistant/Office Assistant/Library Assistant/Teacher Assistant** - Students are selected as assistants based upon skills, academic averages, level of maturity, and ability to assume responsibility. Student assistants perform tasks including filing; sorting and distributing materials; running errands; greeting visitors; taking and delivering messages; and generally assisting with clerical duties under the direction of the professional office staff, teacher, counselor, or library staff. **Students do not receive credit or grades for student assistant courses unless the course is being used to fulfill the internship requirements of Work-Based Learning/COOP.** Twelfth grade status is recommended. Prerequisite: Selection by Appropriate School Staff Fee: None

**Student Cabinet** - Student Cabinet is an elective offering for student government officers and representatives for the development of individual leadership skills. Student Cabinet participants plan and carry out a wide variety of projects that may include responsibilities to assist with homecoming activities, American Education Week projects, blood and charity drives, and SGA meetings. Cabinet members may assist with setting up facilities for assemblies, maintaining bulletin boards, and representing the school at community functions. Students do not receive credit or grades for Student Cabinet. Prerequisites: Election to SGA and Sponsor Selection for Cabinet Fee: None





The [National Career Clusters™](#) Framework is comprised of Sixteen Career Clusters™ and related Career Pathways to help students of all ages explore different career options and better prepare for college and career. Each Career Cluster™ represents a distinct grouping of occupations and industries based on the knowledge and skills they require.

#### **Agriculture, Food and Natural Resources**

The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

*Pathways: Food Products and Processing Systems - Plant Systems - Animal Systems - Power, Structural and Technical Systems - Natural Resources Systems - Environmental Service Systems - Agribusiness Systems*

#### **Architecture and Construction**

Careers in designing, planning, managing, building and maintaining the built environment.

*Pathways: Design/Pre-Construction - Construction - Maintenance/Operations*

#### **Arts, A/V Technology and Communications**

Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

*Pathways: A/V Technology and Film - Printing Technology - Visual Arts - Performing Arts - Journalism and Broadcasting - Telecommunications*

#### **Business Management and Administration**

Careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.

*Pathways: General Management - Business Information Management - Human Resources Management - Operations Management - Administrative Support*

#### **Education and Training**

Planning, managing and providing education and training services, and related learning support services.

*Pathways: Administration and Administrative Support - Professional Support Services - Teaching/Training*

#### **Finance**

Planning, services for financial and investment planning, banking, insurance, and business financial management.

*Pathways: Securities and Investments - Business Finance - Accounting - Insurance - Banking Services*

#### **Government and Public Administration**

Planning and performing government functions at the local, state and federal levels, including governance, national security, Foreign Service, planning, revenue and taxation, and regulations.

*Pathways: Governance - National Security - Foreign Service - Planning - Revenue and Taxation - Regulation - Public Management and Administration*

#### **Health Science**

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

*Pathways: Therapeutic Services - Diagnostic Services - Health Informatics - Support Services - Biotechnology Research and Development*

#### **Hospitality and Tourism**

Hospitality and Tourism encompasses the management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel related services.

*Pathways: Restaurants and Food/Beverage Services - Lodging - Travel and Tourism - Recreation, Amusements and Attractions*

#### **Human Services**

Preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services.

*Pathways: Early Childhood Development and Services - Counseling and Mental Health Services - Family and Community Services - Personal Care Services - Consumer Services*

#### **Information Technology**

Building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia and systems integration services.

*Pathways: Network Systems - Information Support and Services - Web and Digital Communications - Programming and Software Development*

#### **Law, Public Safety, Corrections and Security**

Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

*Pathways: Correction Services - Emergency and Fire Management Services - Security and Protective Services - Law Enforcement Services - Legal Services*

#### **Manufacturing**

Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

*Pathways: Production - Manufacturing Production Process Development - Maintenance, Installation and Repair - Quality Assurance - Logistics and Inventory Control - Health, Safety and Environmental Assurance*

#### **Marketing**

Planning, managing, and performing marketing activities to reach organizational objectives.

*Pathways: Marketing Management - Professional Sales - Merchandising - Marketing - Communications - Marketing Research*

#### **Science, Technology, Engineering and Mathematics**

Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

*Pathways: Engineering and Technology - Science and Math*

#### **Transportation, Distribution and Logistics**

Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

*Pathways: Transportation Operations - Logistics Planning and Management Services - Warehousing and Distribution Center Operations - Facility and Mobile Equipment Maintenance - Transportation Systems/Infrastructure Planning, Management and Regulation - Health, Safety and Environmental Management - Sales and Service*

**ACHIEVING STARTS WITH BELIEVING**  
**EVERY CHILD A GRADUATE – EVERY GRADUATE PREPARED**

**MISSION**

Our mission is to educate and empower all students to be college and career ready graduates – prepared to make positive contributions to our global society.

Beliefs

- High expectations are necessary to achieve goals and expand opportunities for all.
- Education is a shared responsibility that positively impacts the quality of life.
- Equity, fairness, accountability, and fiscal responsibility are foundations of our decision-making.
- Safe, well-equipped, student-centered schools support student success.
- Diversity and individual learning needs are respected, included, and valued.

TUSCALOOSA COUNTY SCHOOL SYSTEM	
2024-2025	
SCHOOL CALENDAR	
TCSS INSTITUTE AND SYSTEM PROFESSIONAL DEVELOPMENT DAY .....	AUGUST 1, 2024
SYSTEM PROFESSIONAL DEVELOPMENT DAY .....	AUGUST 2, 2024
LOCAL SCHOOL PROFESSIONAL DEVELOPMENT DAY .....	AUGUST 5, 2024
TEACHER WORK DAYS .....	AUGUST 6-7, 2023
SCHOOLS OPEN-FIRST DAY STUDENTS .....	AUGUST 8, 2024
LABOR DAY HOLIDAY .....	SEPTEMBER 2, 2024
FALL BREAK FOR STUDENTS .....	OCTOBER 14-15, 2024
TEACHER WORK DAY .....	OCTOBER 15, 2024
VETERANS' DAY HOLIDAY .....	NOVEMBER 11, 2024
THANKSGIVING HOLIDAYS .....	NOVEMBER 25-29, 2024
EARLY RELEASE FOR STUDENTS .....	DECEMBER 20, 2024
<i>WINTER HOLIDAYS – DECEMBER 23, 2024 – JANUARY 8, 2025</i>	
TEACHERS RETURN – TEACHER WORK DAY .....	JANUARY 6, 2025
SYSTEM PROFESSIONAL DEVELOPMENT DAY .....	JANUARY 7, 2025
STUDENTS RETURN .....	JANUARY 8, 2025
MARTIN LUTHER KING JR. BIRTHDAY HOLIDAY .....	JANUARY 20, 2025
PRESIDENT'S DAY .....	FEBRUARY 17, 2025
SPRING BREAK .....	MARCH 10-14, 2025
TEACHER WORK DAY (*WEATHER DAY) .....	APRIL 18, 2025
LOCAL SCHOOL PROFESSIONAL DEVELOPMENT DAY .....	APRIL 21, 2025
EARLY RELEASE FOR STUDENTS/LAST DAY FOR STUDENTS .....	MAY 22, 2025
TEACHER WORK DAY/LAST DAY FOR TEACHERS .....	MAY 23, 2025
MEMORIAL DAY HOLIDAY .....	MAY 26, 2025
JUNETEENTH HOLIDAY .....	JUNE 19, 2025
INDEPENDENCE DAY .....	JULY 4, 2025