

PROWLING WITH EXCELLENCE

BESSEMER CITY HIGH SCHOOL

"WHERE EXCELLENCE IS MANDATORY"

COURSE CATALOG 2020-2021

Mission Statement

The mission of Bessemer Schools is to produce informed, responsible, productive citizens who will be lifelong learners and successful contributors of society. We will accomplish this mission in cooperation with parents and the community, by providing a dedicated staff, a diverse and challenging curriculum, within a clean, safe and caring environment.

Bessemer City High School

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Ms. Yolanda Gray, Assistant Principal

Ms. Nakia Browning, Counselor

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Ms. Katia Williams, Counselor

Ms. Lavonne Hawkins, Bookkeeper

Mrs. Kristie Morris, Registrar

Ms. Sonia Calderon, Secretary

Ms. Alicia James, Attendance Clerk

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The Bessemer City School System

Board Of Education

Superintendent Dr. Autumm Jeter
Chief School Financial Officer Mrs. Patricia Stewart

Mr. Jerome Cook, President
 Mrs. Vera Eades
 Mr. Lee Jones
 Mr. Sam Morris
 Mr. Amos Rembert
 Mrs. Renna' Soles-Scott
 Mrs. Remeka Thompson

Board Meetings

The Bessemer City Board of Education meets regularly on the third Tuesday of each month at 6:00 p.m. at the Central Office, which is located at 1621 5th Avenue N, Bessemer, Alabama 35021. **Website:** www.bessk12.org

Equal Education and Employment Opportunity Statement

It is the goal of the Bessemer City 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.

Other Contacts For Secondary School Students

Assessment, Guidance and Transcripts
 Attendance and Discipline
 Career and Technical Education
 Curriculum & Instruction and 504
 Federal Programs and McKinney - Vento
 Sexual Harassment
 Special Education

Mrs. Barbara McCoy • 432.3007
 Mrs. Linda Richardson • 432.3019
 Mr. Iverson Dudley • 432.3805
 Dr. Marcy Burroughs • 432.3005
 Mrs. Brenda Rumley • 432.3004
 Mrs. Sherry Saulsberry • 432.3009
 Ms. Brandy Johnson • 432.3003

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 for their actions by:

- demonstrating academic integrity and honesty;
- attending and participating in classes, labs, and seminars, being prepared and on time for class;
- completing college applications, job applications, and scholarship applications in a timely manner;
- completing assigned work in a timely manner with attention to quality of work;
- refraining from making excuses for their behavior (i.e. late to class, procrastination, defiance, etc.);
- communicating in a careful and respectful manner with administrators, school counselors, teachers, peers, and other members of the community;
- dedicating sufficient time inside and outside of class to complete work;
- acting in a civil manner that respects the learning/social environment and complies with BCS policies and procedures and high school catalog;
- utilizing resources and seeking help when needed;
- respecting diverse ideas and opinions; and
- identifying, developing, and implementing a plan to achieve their educational goals.

Information for Students and parents

Each student is valuable and important to our future; therefore, the educational success of each student is the focus of every effort of the Bessemer City School System. Curriculum offerings in the Bessemer City 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 Bessemer City Board of Education.

Course Selection Process

High school class schedules are based on a traditional bell 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 7 to 13 courses for the upcoming academic year. Students will select 4 core courses (English, math, social studies, and science), 3 elective courses, and a maximum of 6 alternate courses. Schedules for the specific course and teacher are assigned by the computer. Every effort is made to schedule each student into courses that reflect his or her first choice.

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 will 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 on the school website and social media outlets. 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 semester. A fee of \$5.00 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.

Promotion / Grade Classification

Students entering high school as first-time freshmen during the 2018-2019 school year and beyond must earn the minimum number of Carnegie units (credits) necessary for grade placement **above grade 9** as indicated below:

10th Grade – 6 **11th Grade – 12** **12th Grade – 18** Graduation – 24

Students who entered high school as first-time freshmen between the 2015-2016 and 2017-2018 school years must earn the minimum number of Carnegie units (credits) necessary for grade placement **above grade 9** as indicated below:

10th Grade – 7 **11th Grade – 14** **12th Grade – 21** Graduation – 24

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 the Alternative School, and the BCS 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-one ACCESS courses. The list of courses may be found at www.eligibilitycenter.org. Credit Recovery/Credit Advancement courses available through ACCESS, are NOT accepted by the NCAA for eligibility purposes.

- **A+NYWHERE (A+) Learning System** – A+ is provided by the Bessemer City School System. None of the courses offered through A+NYWHERE Learning Systems are approved by the NCAA.
- **ACELLUS** - [Acellus Academy](#) delivers its courses through an intuitive student interface. Students are provided with “lessons” that encompass all the resources to teach, convey, reinforce, and help the student learn and master a concept. Each lesson begins with a video lecture in which a teacher presents a single, specific concept or a few concepts that are tightly intertwined. Acellus high-resolution videos give students the information and instruction they need to master the course material, creating the feeling of a one-on-one learning experience.

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 the 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 no 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 Bessemer City School System students are eligible to attempt credit advancement.

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

CREDIT OBTAINMENT

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(are) 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 no 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 the NCAA.

CREDIT RECOVERY

In accordance with guidelines established by the Alabama State Department of Education, the Bessemer City 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;

- Will 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 sessions;
- Pay course fee
- The maximum grade a student can receive in Credit Recovery is a 60;
- The original failing grade shall stay on the permanent record and be included in computing the student's overall Grade Point Average;
- The credit recovery grade shall 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 the 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 the NCAA depends on how the instruction is provided. For example, a course taken through ACCESS Virtual Learning is approved by the NCAA, but a course taken through A+NYWHERE Learning System is currently not approved by the NCAA.

Virtual Learning Program

Through the BCS Virtual Learning Program, the Bessemer City School System provides students in grades 9th through 12th the option to complete courses by way of an online, virtual platform. 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.

Summer Program

The Bessemer City Board of Education may operate a summer program when needed to serve the educational goals of the Bessemer City 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 Bessemer City 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. Course content for the Summer Program 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 Bessemer City School System will offer a summer program in 2020. The Bessemer City 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. Summer school grades 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 district procedure.

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 to 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 Kuder. Kuder is a web-based program used by all students in grades 8th through 12th to create their four-year high school educational plans. Students complete a personality inventory, research suggested careers, and investigate colleges, universities, and training programs all over the U.S.

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.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 without board approval.

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

Transcripts containing letter grades from a regionally accredited school will be converted to numerical grades if school officials of the school the student previously attended cannot or will not convert the letter grades to numerical grades. The letter grades will be converted to numerical grades as follows:

A+ = 99	B+ = 89	C+ = 79	D+ = 69	F = 59 or below
A = 95	B = 85	C = 75	D = 65	
A- = 90	B- = 80	C- = 70	D- = 60	

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.

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 on our system website, www.bessk12.org.

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. If your student's information is not available, please contact the school for assistance.

Final Course Grade

ONE-HALF CREDIT, TWO NINE-WEEK COURSES

For one-half credit, two nine-week grading period courses, a mandatory comprehensive 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. For half-credit, two nine-week grading period courses, comprehensive final exams will count twenty percent (20%) of the **final grade**. The sum of the two nine weeks' averages will be multiplied by two and 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 9th through 12th who meet exemption criteria will be determined from the average of the two nine weeks' grades.

ONE CREDIT, TWO NINE-WEEK COURSES

For one credit, two nine-week grading period courses, a mandatory comprehensive 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 sum of the two nine weeks' averages will be multiplied by two and 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 9th through 12th 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 9th through 12th who meet exemption criteria will be determined from the average of the four nine weeks' grades.

Examinations

REQUIRED EXAMINATIONS – SCHOOL GENERATED

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 PROCEDURE

One-Half Credit and One Credit (One and Two Nine-Week Courses)

In order to be exempt from a final exam at the end of a one-half credit or a one credit, two nine-week grading period course, a 9th through 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 or suspension during the term/semester.

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

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 9th through 12th 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 or suspension during the school year.

The final course grade for students in grades 9th through 12th 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 Bessemer City 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.

Pre-ACT (Grade 10)

All tenth-grade students take the Pre-ACT in September or October. The Pre-ACT test provides students with practice for the ACT test and measures progress towards college readiness. The Pre-ACT 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 with Writing (Grade 11)

All eleventh-grade students take the ACT plus Writing. 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 plus a writing test. 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 with Writing is an assessment used for college admission and scholarships. More information, including additional testing dates and sample test questions, may be found at www.act.org.

ACT WorkKeys (Grade 12)

All twelfth grade students ACT WorkKeys. 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 Math, Graphic Literacy, and Workplace Documents can lead to earning ACT's National Career Readiness Certificate (NCRC), a portable credential.

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 compared nationally with other students applying to college. Students in the 10th 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 anticipated national test date for the 2020-2021 school year is Wednesday, October 14, 2020. 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.

PSAT 8/9

The PSAT 8/9 is a test that helps students and their teachers determine the academic areas students need to work on most so that they are ready for college when they graduate from high school. The PSAT 8/9 assesses 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 2020 and late January 2021 or a Spring date between late February 2021 and early March 2021.

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.com)® accounts to get free personalized study recommendations. The test results for students in ninth grade will let them know if they should consider taking AP European History.

SAT and SAT Subject Tests

The SAT and SAT Subject Tests are a set of tools designed to assess a 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.

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.

ACT Online Preps 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 11th 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. Further information may be obtained from your school.

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 11th or 12th 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 **two** separate fee waivers total. 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 20 additional regular score reports for free. Waivers may not be used to pay for 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.

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

Eligibility for Participation in Extra-curricular Activities

The Bessemer City Board of Education recognizes the value of athletics and other extracurricular activities as they relate to the total education of students. The Bessemer City 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 Bessemer City Board of Education prescribes the following regulations for eligibility:

1. **Students must be enrolled in Bessemer City High School.**
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 the 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 1st 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*.
7. An ineligible student may not become eligible after the fifth day of each term/semester.
8. Bona fide transfers may be handled according to the 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.
9. 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.
10. Each eligible student involved in athletics must meet the definition of a regular student as defined by the Alabama High School Athletic Association.
11. 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.
12. Sixth grade students are eligible for non-athletic extracurricular activities. Students promoted to the seventh grade for the first time are eligible for all extra-curricular activities.
13. School sponsors are required to submit a request for each curricular activity that occurs outside the regular school day and/or school to the Athletic Director, Principal, Superintendent, and the local Board of Education for approval.
14. 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.
15. 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.

Playing Division I and Division II Sports

If you want to compete in NCAA sports at a Division I or Division II school, you need to register with the NCAA Eligibility Center to make sure you stay on track to meet initial-eligibility standards.

	Get Ready. Get Set. Go!
Grade 9	Ask your counselor for a list of your high school's NCAA core courses to make sure you take the right classes.
Grade 10	Register with the NCAA Eligibility Center at eligibilitycenter.org .
Grade 11	<p>Check with your counselor to make sure you will graduate on time with the required number of NCAA core courses.</p> <p>Take the ACT or SAT and submit your scores to the NCAA using code 9999.</p> <p>At the end of the year, ask your counselor to upload your official transcript to the NCAA Eligibility Center.</p>
Grade 12	<p>Finish your last NCAA core courses.</p> <p>Take the ACT or SAT again, if necessary, and submit your scores to the NCAA using code 9999.</p> <p>Complete all academic and amateurism questions in your NCAA Eligibility Center account at eligibilitycenter.org.</p> <p>After you graduate, ask your counselor to submit your final official transcript with proof of graduation to the NCAA Eligibility Center.</p>

NCAA Initial Eligibility Standards

College-bound student-athletes enrolling at an NCAA Division I or Division II school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment. Visit the NCAA website for additional information on [Division I Academic Requirements](#) or [Division II Academic Requirements](#).

Key Terms

Full Qualifier: College-bound student-athletes may practice, compete and receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division I or Division II school.

Partial Qualifier: College-bound student-athletes may receive an athletics scholarship during their first year of enrollment and may practice during their first year of full-time enrollment at a Division II school, but may NOT compete.

Academic Redshirt: College-bound student-athletes may receive an athletics scholarship during their first year of full-time enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier: College-bound student-athletes will not be able to practice, compete or receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division I or Division II school.

NCAA Division I Requirements

Full Qualifier

- Complete 16 core courses.
- Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
- Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I [sliding scale](#).
- Graduate high school.

Academic Redshirt

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I [sliding scale](#).
- Graduate high school.

NCAA Division II Requirements**Full Qualifier**

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II full qualifier [sliding scale](#).
- Graduate high school.

Partial Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II partial qualifier [sliding scale](#).
- Graduate high school.

DIVISION I 16 CORE COURSE REQUIREMENTS	DIVISION II 16 CORE COURSE REQUIREMENTS
<ul style="list-style-type: none"> • 4 years of English • 3 years of mathematics (Algebra 1 or higher) • 2 years of natural/physical science (1 year of lab if offered by high school). • 1 year of additional English mathematics or natural/physical science • 2 years of social science • 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy) 	<ul style="list-style-type: none"> • 3 years of English • 2 years of mathematics (Algebra I or higher) • 2 years of natural/physical science (1 year of lab if offered by high school). • 3 years of additional English mathematics or natural/physical science • 2 years of social science • 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

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

**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. However, they are available for any student whose four-year plan recommends one of these courses. The Curriculum Guide to the Alabama Course of Study contains the course content for students following the Essentials/Life Skills 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 and Honor graduates

In an effort to encourage academic excellence and achievement on the part of students throughout the school system, the board directs the high school principal, with the assistance of appropriate staff members, select a valedictorian, 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. All Pre-Advanced Placement (Pre-AP) grades will be weighted by adding 5 points to each semester grade earned in a Pre-AP class.

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 7 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.

Dual Enrollment - General Information

What is Dual Enrollment (DE)?

Dual Enrollment allows qualified high school students who have a 2.5 GPA or higher to take college level classes (while still in high school). Once a student graduates high school, he or she is no longer eligible for the Dual Enrollment program.

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

- Students must meet the entrance requirements of the college.
- Students must be in grade 10, 11, or 12 (an exception may be granted upon the recommendation of the student's principal and superintendent and in accordance with the Alabama Administrative Code 290-8-9-.17 regarding gifted and talented students).
- For Lawson State Community College (LSCC), students must have a minimum cumulative (unweighted) high school grade point average (GPA) of 2.50 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 submitted for each semester.

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). During the summer term, students in the career and technical education programs may take up to 4 classes in their program of study.
- 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

- Courses approved for dual enrollment must either be those that are not offered on the high school campus or those that are appropriate substitutions for courses offered on the high school campus.
- Three semester hours must be used to substitute one Carnegie unit in high school.
- Prior approval is required for dual credit to be granted.
- High school credit will be recorded on a student's transcript when the high school receives grades verifying that the student has earned three hours in the approved college course.
- Weighted credit is not awarded for dual enrollment courses.

Dual Enrollment - Lawson State Community College

STEPS TO DUAL ENROLLMENT

1. Students [applying](#) for dual enrollment are encouraged to speak with their high school counselor before applying.
2. [Submit application online](#). Students will receive student ID number after applying online. Required
3. Submit a copy of photo ID (Alabama driver license or state-issue identification card) Required.
4. Submit high school transcript documenting the required grade point average.
5. Submit Dual Enrollment and Dual Credit Application for Admissions and Student permission form. [Click here](#) (Please use black or blue Ink.)
6. Include your completed, signed trial schedule form with your Dual Enrollment application packet. (A completed application for admission, all documents required for admission, including appropriate ID and completed trial schedule form must be on file before the applicant may be admitted.)
7. Obtain a Dual Enrollment Student Handbook from the DE section of our website for reference. Students are expected to adhere to the policies / guidelines in the handbook.
8. Scan and email application and all required paperwork (transcript, ID, Trial Schedule, etc...) to admissions@lawsonstate.edu. Paperwork can also be dropped off at one of the Admissions Offices on either the Bessemer or Birmingham campuses. The subject line of the email must be: Dual Enrollment Application (Your Full Name). Example: Dual Enrollment Application (Jane Doe)
9. Attend Dual Enrollment Bonanza. Students and parents should visit the LSCC [Bonanza website](#) for more information regarding date, time, and locations.
10. Complete online Dual Enrollment Student Orientation video.

Contact Lawson State for [additional information](#) if you have any questions. All necessary documents can be retrieved from [LSCC Dual Enrollment Website](#).

Advanced Placement and Honors/Pre-AP Courses

Advanced Placement (AP) and Honors/Pre-Advanced Placement (Pre-AP) coursework provides students with an opportunity for learning that goes beyond just the facts and figures. 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/Pre-AP and AP coursework can expect the following:

- Significantly increased rigor – content is covered much more extensively.
- Additional outside class responsibilities – increased homework, outside reading, research, study, and participation in study groups (which will meet outside school hours).
- Frequent writing assignments – essays, research papers, 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 Pre-AP). Students must take a comprehensive final exam in each Pre-AP 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/Pre-AP and AP coursework with the student's demonstrated ability, extracurricular obligations, motivation, and work ethic to determine whether or not the Honors/Pre-AP/AP coursework is the right course choice. Additional information about the AP program can be found at www.collegeboard.org.

GRADUATION REQUIREMENTS FOR GRADUATING CLASSES OF 2020 AND BEYOND

ALL REQUIREMENTS MUST BE MET FOR PARTICIPATION IN THE GRADUATION CEREMONY. 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, guidance 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. Students are encouraged to consult school administrators, guidance counselors, teachers, and post-secondary institutions to determine best course selections. All students earning a high school diploma in the Bessemer City School System must have a minimum of 24units.

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"> • SDE APPROVED COURSES (I.E. ESSENTIAL SKILLS PATHWAY COURSES) • ADVANCED OR HONORS/PRE-AP COURSES • ADVANCED PLACEMENT COURSES • POST-SECONDARY COURSES 		EQUIVALENT/SUBSTITUTE OPTIONS MAY INCLUDE: <ul style="list-style-type: none"> • POST-SECONDARY COURSES 		
	ENGLISH 9 OR ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED OR HIGHEST COURSE OFFERED	1	
	ENGLISH 10 OR ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED OR HIGHEST COURSE OFFERED	1	
	ENGLISH 11 OR ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED ENGLISH 11 OR HIGHEST COURSE OFFERED	1	
	ENGLISH 12 OR ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED ENGLISH 12 OR HIGHEST COURSE OFFERED	1	
MATHEMATICS NOTE: Students who earned a credit for Algebra I in 8th grade are required to earn four math credits in high school, they must schedule a math class each year while in grades 9-12. (4 CREDITS)	EQUIVALENT/SUBSTITUTE OPTIONS MAY INCLUDE: <ul style="list-style-type: none"> • SDE APPROVED COURSES (I.E. ESSENTIAL SKILLS PATHWAY COURSES) • CAREER AND TECHNICAL EDUCATION COURSES • ADVANCED OR HONORS/PRE-AP COURSES • ADVANCED PLACEMENT COURSES • POST-SECONDARY COURSES 		EQUIVALENT/SUBSTITUTE OPTIONS MAY INCLUDE: <ul style="list-style-type: none"> • SDE APPROVED COURSES • POST-SECONDARY COURSES 		
	REMINDER: ALGEBRAIC CONNECTIONS MUST BE TAKEN PRIOR TO ALGEBRA II, ALGEBRA II WITH TRIGONOMETRY, OR ALGEBRA WITH FINANCE. STUDENTS WHO HAVE SUCCESSFULLY COMPLETED ALGEBRA II, ALGEBRA II WITH TRIGONOMETRY, OR ALGEBRA WITH FINANCE MAY NOT TAKE ALGEBRAIC CONNECTIONS FOR CREDIT.				
	ALGEBRA I OR ITS EQUIVALENT/SUBSTITUTE	1	ALGEBRA I	1	
	GEOMETRY OR ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED OR HIGHEST GEOMETRY COURSE OFFERED	1	
	ALGEBRA II W/TRIGONOMETRY OR ALGEBRA II, OR ITS EQUIVALENT/SUBSTITUTE	1	ALGEBRA II WITH TRIG	1	
	ALABAMA COURSE OF STUDY FOR MATHEMATICS OR EQUIVALENT/SUBSTITUTE COURSES FROM CAREER AND TECHNICAL EDUCATION/ADVANCED PLACEMENT/POST-SECONDARY COURSES/SDE APPROVED COURSES.	1	PRE-CALCULUS OR HIGHEST COURSE OFFERED	1	
SEE POSSIBLE PATHWAYS FOR MATH ON PAGE 25					
SCIENCE (4 CREDITS)	EQUIVALENT/SUBSTITUTE OPTIONS MAY INCLUDE: <ul style="list-style-type: none"> • SDE APPROVED COURSES (I.E. ESSENTIAL SKILLS PATHWAY COURSES) • CAREER AND TECHNICAL EDUCATION • ADVANCED OR HONORS/PRE-AP COURSES • ADVANCED PLACEMENT • POST-SECONDARY COURSES 		EQUIVALENT/SUBSTITUTE OPTIONS MAY INCLUDE: <ul style="list-style-type: none"> • POST-SECONDARY COURSES 		
	BIOLOGY OR ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED OR HIGHEST BIOLOGY COURSE OFFERED	1	
	A PHYSICAL SCIENCE (I.E. PHYSICAL SCIENCE, CHEMISTRY, PHYSICS) OR ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED OR HIGHEST COURSE OFFERED	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 OR HIGHEST COURSE OFFERED	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 OR HIGHEST COURSE OFFERED	1	
SEE POSSIBLE PATHWAYS FOR SCIENCE ON PAGE 24					

SOCIAL STUDIES (4 CREDITS)	EQUIVALENT/SUBSTITUTE OPTIONS MAY INCLUDE: <ul style="list-style-type: none"> • SDE APPROVED COURSES (I.E. ESSENTIAL SKILLS PATHWAY COURSES) • ADVANCED OR HONORS/PRE-AP COURSES • ADVANCED PLACEMENT COURSES • POST-SECONDARY COURSES 		EQUIVALENT/SUBSTITUTE OPTIONS MAY INCLUDE: <ul style="list-style-type: none"> • POST-SECONDARY COURSES 	
	WORLD HISTORY SINCE 1500 OR ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED OR HIGHEST COURSE OFFERED	1
	U.S. HISTORY I OR ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED OR HIGHEST COURSE OFFERED	1
	U.S. HISTORY II OR ITS EQUIVALENT/SUBSTITUTE	1	ADVANCED OR HIGHEST COURSE OFFERED	1
	U.S. GOVERNMENT OR ITS EQUIVALENT/SUBSTITUTE ECONOMICS OR ITS EQUIVALENT/SUBSTITUTE	0.5 0.5	ADVANCED U.S. GOVERNMENT ADVANCED ECONOMICS OR AP U.S. GOVERNMENT AND POLITICS	0.5 0.5 1
BEGINNING KINESIOLOGY (1 CREDIT)	BEGINNING KINESIOLOGY <u>OR</u> ONE JROTC CREDIT	1	BEGINNING KINESIOLOGY <u>OR</u> ONE JROTC CREDIT	1
HEALTH EDUCATION (0.5 CREDITS)	ALABAMA COURSE OF STUDY: HEALTH EDUCATION OR ITS EQUIVALENT/SUBSTITUTE	0.5	ALABAMA COURSE OF STUDY: HEALTH EDUCATION OR 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 <u>OR</u> SUBSTITUTE (*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 II; COOPERATIVE EDUCATION/WORK-BASED EXPERIENCE OR **AAS LIFE SKILLS *FOR STUDENTS EARNING CORE CREDIT THROUGH THE ESSENTIALS/LIFE SKILLS COURSES. **FOR STUDENTS EARNING CORE CREDIT THROUGH ALTERNATE ACHIEVEMENT.	3	<u>STUDENTS WILL BE REQUIRED TO CHOOSE ONE FOREIGN LANGUAGE.</u> 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
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 OR TRANSITION SERVICES II; 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

The graduation requirements for the graduating classes of 2021-2024 (first-time freshmen during the 2013-2014 school year and beyond) provide the opportunity for students to pursue multiple pathways to earn a diploma. Flexibility in course substitutions and course equivalents allows for personalized education plans for all students. Though there is increased flexibility, there continues to be high expectations for Alabama’s students.

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.

OTHER CLARIFICATIONS:

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.

Science Pathway

A student's plans for college or postsecondary should be considered when selecting science courses. There are several pathways by which a student can meet the high school graduation requirements for earning four credits in science in grades 9th through 12th.

Pathways for Earning the Four (4) Required Science Credits Bessemer City High School

Advanced Science Pathways			
Science Credit 1	Science Credit 2	Science Credit 3	Science Credit 4
Biology	Chemistry	Anatomy/Physiology	AP Biology
Biology	Chemistry	Anatomy/Physiology	Advanced Environmental Science
Biology	Chemistry	Advanced Environmental Science	AP Biology

General Science Pathways			
Science Credit 1	Science Credit 2	Science Credit 3	Science Credit 4
Biology	Physical Science	Anatomy/Physiology	Chemistry
Biology	Physical Science	Chemistry	Anatomy/Physiology
Biology	Physical Science	Earth/Space Science	Environmental Science
Biology	Physical Science	Environmental Science	Earth/Space Science
Biology	Chemistry	Forensic & Criminal Investigation	Anatomy/Physiology
Biology	Chemistry	Anatomy/Physiology	Forensic & Criminal Investigation

Math Pathway

A student's plans for college or postsecondary 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 9th through 12th.

**General Education Pathways for Earning the Four (4) Required Mathematics Credits
Bessemer City High School**

Advanced Pathway for Students Who Begin Algebra I in Grade 8			
Math Credit 1	Math Credit 2	Math Credit 3	Math Credit 4
Geometry	Algebra II with Trig	Pre-Calculus	Calculus

General Math Pathways for Students Who Begin Algebra I in Grade 8			
Math Credit 1	Math Credit 2	Math Credit 3	Math Credit 4
Geometry	Algebraic Connections*	Algebra II with Trig	Algebra with Finance
Geometry	Algebraic Connections*	Algebra II with Trig	Pre-Calculus
Geometry	Algebraic Connections*	Algebra with Finance	Algebra II

*Students may not receive credit for Algebraic Connections when the course is taken after Algebra II or Algebra II with Trig.

Advanced Pathway for Students Who Begin Algebra I in Grade 9			
Math Credit 1	Math Credit 2	Math Credit 3	Math Credit 4
Algebra I	Geometry	Algebra II with Trig	Pre-Calculus

General Math Pathways for Students Who Begin Algebra I in Grade 9			
Math Credit 1	Math Credit 2	Math Credit 3	Math Credit 4
Algebra I	Geometry	Algebra II with Trig	Algebra with Finance
Algebra I	Geometry	Algebraic Connections*	Algebra II with Trig
Algebra I	Geometry	Algebraic Connections*	Algebra II

*Students may not receive credit for Algebraic Connections when the course is taken after Algebra II or Algebra II with Trig.

Pathways for Students Who Begin Algebra IA in Grade 9			
Math Credit 1	Math Credit 2	Math Credit 3	Math Credit 4
Algebra 1A	Algebra 1B	Geometry	Algebra with Finance
Algebra 1A	Algebra 1B	Geometry	Algebra II
Algebra 1A	Algebra 1B	Geometry	Algebra II with Trig

Note: When offered, Mathematical Investigations, Analytical Mathematics, and Discrete Mathematics are advanced mathematics courses that may be taken as the fourth math for students who have completed Algebra I, Geometry, and Algebra II with Trig

Possible math pathways using [Essentials Pathway Only](#)

Courses Fulfilling Core Requirements

Academic - Dual Enrollment - Career & Technical Education

Mathematics

CORE COURSES

AAS: Mathematics (Grades 9-12)
 Algebraic Essentials B
 Geometry Essentials B
 Algebra I
 Algebra 1B
 Geometry
 Geometry, Advanced
 Algebraic Connections
 Algebra with Finance
 Algebra II
 Algebra II with Trigonometry
 Pre-Calculus
 Calculus

DUAL ENROLLMENT COURSES

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

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

- MTH 112: Pre-Calculus Algebra
 - MTH 113: Pre-Calculus Trigonometry One
- post-secondary level math courses may be used by students dually enrolled in a technical program to fulfill the fourth math:
- Mathematical Applications

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

Science

CORE COURSES

AAS: Science (Grades 9-12)
 Essentials: Biology
 Essentials: Earth & Space
 Essentials: Environmental Science
 Essentials: Human Anatomy & Physiology
 Biology
 Biology, Advanced
 Biology, AP
 Chemistry
 Earth and Space Science
 Environmental Science
 Environmental Science, Advanced
 Human Anatomy & Physiology
 Physical Science

DUAL ENROLLMENT COURSES

Two of post-secondary level science courses may be used to fulfill either 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:

- Bio 101: Introduction to Biology I
- Bio 102: Introduction to Biology II
- Bio 103: Principles of Biology I
- Bio 104: Principles of Biology II

CTE COURSES - SUBSTITUTES

The ALSDE has identified 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 earn completer status regardless of whether the course is used as CTE course or as the third and/or fourth credit in science.

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

- Chemistry of Food (similar to Chemistry)
- Forensic and Criminal Investigations

English

CORE COURSES

AAS: English Language Arts (Grades 9-12)
 English Essentials (Grades 9-12)
 English 9
 English 9, Advanced
 English 10
 English 10, Advanced
 English 11
 English 11, Advance
 English 12
 English 12, Advanced

DUAL ENROLLMENT COURSES

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

- Eng 101: English Composition I
- Eng 102: English Composition II

Social Studies

CORE COURSES

AAS: Social Studies (Grades 9-12)
 Essentials I: World History
 Essentials II: U.S. History to 1877
 Essentials III: U.S. History from 1877
 Essentials IV: Economics
 Essentials IV: Government World History
 World History, Advanced
 U.S. History I
 U.S. History I, Advanced
 U.S. History II
 U.S. History II, Advanced
 U.S. Government/Economics
 U.S. Government, Adv/Economics Adv

DUAL ENROLLMENT COURSES

The following post-secondary level courses may be used to fulfill the fourth credit in history. The courses are as follows:

- HIS 201: U.S. History I • HIS 202: U.S. History II
- POL 211: American National Government
- ECO 231: Principles of Macroeconomics

Note: The courses approved by NCAA are listed on the NCAA Eligibility Center site (www.eligibilitycenter.org).



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. The high 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 (graduating classes of 2020 and beyond).

English Language Arts

ALTERNATIVE ACHIEVEMENT STANDARDS PATHWAY

600439: AAS English Language Arts 9 (one credit) - 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

600440: AAS English Language Arts 10 (one credit) - 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: Course fulfilling English 9 requirement Fee: None

600441: AAS English Language Arts 11 (one credit) - 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: Course fulfilling English 10 requirement Fee: None

600442: AAS English Language Arts 12 (one credit) - 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: Course fulfilling English 11 requirement Fee: None

ESSENTIAL SKILLS PATHWAY

700005: English Essentials 9 (one credit) - This 9th 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

700006: English Essentials 10 (one credit) - This 10th 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

700007: English Essentials 11 (one credit) - This 11th 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

700008: English Essentials 12 (one credit) - This 12th 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

200005: English 9 (one credit) - English 9 develops student competency in English usage and mechanics, oral and written communication, and classical and contemporary literature. Topics of study include poetry, novels, 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

200007: English 9, Advanced* (one credit) - 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

200009: English 10 (one credit) - 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

200011: English 10, Advanced* (one credit) - 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

200013: English 11 (one credit) - 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 essays.

Prerequisite: Course fulfilling English 10 requirement Fee: None

200015: English 11, Advanced* (one credit) - This course provides advanced 11th 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

200017: English 12 (one credit) - 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 essays. 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

200019: English 12, Advanced* (one credit) - This course provides advanced 12th 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

Mathematics

ALTERNATIVE ACHIEVEMENT STANDARDS PATHWAY

600459: AAS Mathematics 9 (one credit) - 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

600460: AAS Mathematics 10 (one credit) - 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

600461: AAS Mathematics 11 (one credit) - 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

600462: AAS Mathematics 12 (one credit) - 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

650602: AAS Mathematics Beyond (one credit) - Math curriculum and goals are based on student's academic and transition needs as identified in his or her IEP. 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 12 Fee: None

ESSENTIAL SKILLS PATHWAY

750601: Algebraic Essentials (one credit) – This course provides students with foundational skills identified in the general education Algebra I course. The course includes essential concepts to equip students with the algebra skills necessary for employment and independent living. Teachers must meet highly qualified teacher status for the appropriate course and grade. 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

750651: Geometry Essentials (one credit) - This course provides students with foundational skills identified in the general education Geometry course. The course includes essential concepts to equip students with the geometry skills necessary for employment and independent living. Teachers must meet highly qualified teacher status for the appropriate course and grade. 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: Algebraic Essentials Fee: None

750701: Essentials Algebra II (one credit) - This course provides students with foundational skills identified in the general education Algebra II course. The course includes algebra concepts to equip students with more advanced algebra skills necessary for employment and independent living. Teachers must meet highly qualified teacher status for the appropriate course and grade. 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: Geometry Essentials Fee: None

750801: Essentials Algebra with Finance (one credit) - This course integrates foundational algebra, probability and statistics, and geometry to solve financial problems that occur in everyday life. 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. 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: Geometry Essentials Fee: None

750751: Essentials Algebra II with Trig (one credit) - This course provides students with foundational skills identified in the general education Algebra II with Trig course. The course includes algebra concepts to equip students with more advanced algebra and trigonometry skills necessary for employment and independent living. Teachers must meet highly qualified teacher status for the

appropriate course and grade. 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: Geometry Essentials Fee: None

GENERAL EDUCATION PATHWAY

210009: Algebra IB (one credit) - Algebra IB is the second part of a two-part program. Specific attention is given to problem-solving and higher-order thinking skills. Topics of study include systems of linear equations and inequalities, factoring polynomials, operations with polynomials quadratic equations, Pythagorean Theorem, distance formula, radicals, square roots, laws of exponents, probability and statistics. Students who successfully complete Algebra IA must take Algebra IB to fulfill the Algebra graduation requirement. Students who have passed Algebra I may not take this course for credit.

Prerequisite: Algebra IA Fee: None

210005: Algebra I (one credit) - Algebra I is a study of the structure of the real number system with specific attention to algebraic properties and operations, problem solving, and higher-order thinking skills. Topics of study include variables, expressions, linear and nonlinear equations, inequalities, ratio, proportion, factoring polynomials, graphing on the number line and in the coordinate plane, properties of slope, and operations involving exponents. Students who have passed Algebra IA or Algebra IB may not take Algebra I for credit. Prerequisite: None Fee: None

210010: Geometry (one credit) - Geometry presents a logical development of the basic concepts and understanding of geometry with an emphasis on practical application rather than formal proof. Included in this course are topics from plane geometry, solid geometry and coordinate geometry. This course requires students to make conjectures and use reasoning to validate or negate these conjectures. Topics include angles, parallel lines, triangles, special right triangles, the Pythagorean Theorem, polygons, circles, area, volume, and transformations.

Prerequisites: Course(s) fulfilling Algebra I requirement Fee: None

210012: Geometry, Advanced* (one credit) - Geometry is the formal study of geometric skills and concepts, emphasizing geometry as a logically deductive mathematical system. Students examine the processes of formal proof and elements of Euclidean postulates. Concepts of area and volume are reviewed and expanded to three-dimensional objects. Trigonometric relations are introduced through the study of the right triangle. Other topics include congruence, circles, Pythagorean Theorem, similarity, and coordinates.

Prerequisites: Course(s) fulfilling Algebra I requirement Fee: None

210015: Algebraic Connections (one credit) - Algebraic Connections provides students with a bridge to courses beyond Algebra I and Geometry and to the mathematical empowerment needed to make responsible financial and economic decisions. Algebraic Connections is designed for students who need additional mathematical experiences prior to enrollment in Algebra II, Algebra II with Trig or Algebra with Finance. Algebraic Connections integrates topics from algebra, geometry, measurement, and probability and statistics with an emphasis on real-world applications. Students who have successfully completed Algebra II, Algebra II with Trigonometry or Algebra with Finance may not take Algebraic Connections for credit.

Prerequisites: Geometry Fee: None

210036: Algebra with Finance (one credit) - Algebra with Finance is a college and career preparatory course that integrates algebra, pre-calculus, 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. Students are encouraged to use a variety of problem-solving skills and strategies in real-world contexts, and to question outcomes using mathematical analysis and data to support their findings. The course offers students multiple opportunities to use, construct, question, model, and interpret financial situations through symbolic algebraic representations, graphical representations, geometric representations, and verbal representations. Math concepts and skills are applied through study and problem-solving activities in workforce situations in the following areas: banking, investing, employment and income taxes, automobile ownership and operation, mathematical operations, consumer credit, independent living, and retirement planning and budgeting. This course may be used as the fourth math credit, a substitute for Algebra II, or an elective. Students who have only earned credit in Algebra I and Geometry are strongly encouraged to take Algebraic Connections prior to taking this course.

Prerequisites: Course(s) fulfilling Geometry requirement Fee: None

210016: Algebra II (one credit) - Algebra II is a course designed to extend students' algebraic knowledge and skills. Students are encouraged to solve problems using a variety of methods involving quadratics, complex numbers, and exponential and logarithmic functions. Students who pass Algebra II are not eligible to take Algebra II with Trigonometry. Students who have only earned credit in Algebra I and Geometry must pass Algebraic Connections prior to taking this course.

Prerequisites: Course(s) fulfilling Geometry requirement Fee: None

210017: Algebra II with Trigonometry* (one credit) - In this course students are encouraged to solve problems using a variety of methods involving quadratics, complex numbers, exponential and logarithmic functions, and trigonometry. It is recommended for students who intend to pursue post-secondary studies. Students who have passed Algebra II are not eligible to take Algebra II with Trigonometry. It is recommended that students who have earned only two credits in math with grades below 70 take Algebraic Connections prior to taking this course.

Prerequisites: Course(s) fulfilling Geometry requirement Fee: None

210020: Pre-Calculus* (one credit) - 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: Algebra II with Trig Fee: None

210023: Calculus* (one credit) - 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.

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.

400024: Career Mathematics (one credit) - This course provides students with the foundational knowledge and processes needed to apply mathematical 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. Prerequisites: Course(s) fulfilling Geometry requirement

Science

ALTERNATIVE ACHIEVEMENT STANDARDS PATHWAY

600479: AAS Science 9 (one credit) - 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

600480: AAS Science 10 (one credit) - 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

600481: AAS Science 11 (one credit) - 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

600482: AAS Science 12 (one credit) - 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

750201: Essential Biology (one credit) - 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

750101: Essentials Physical Science (one credit) - 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: Essentials Biology Fee: None

750301: Essentials Earth and Space Science (one credit) - 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 the 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

750401: Essentials Environmental Science (one credit) - 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

750501: Essentials: Anatomy and Physiology (one credit) - 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

220011: Biology (one credit) - 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

220013: Biology, Advanced* (one credit) - 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: None

220014: Biology, AP (one credit) - 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

220061: Chemistry (one credit) - 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: Biology and Algebra I or equivalent Fee: None

220081: Earth and Space Science (one credit) - 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 & Biology Fee: None

220029: Environmental Science (one credit) - 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: Physical Science & Biology Fee: None

220031: Environmental Science, Advanced* (one credit) - Advance 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.

Prerequisites: Physical Science & Biology Fee: None

220026: Human Anatomy/Physiology* (one credit) - 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: Physical Science & Biology Fee: None

220051: Physical Science (one credit) - 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

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.

510013: Chemistry of Food (one credit) - A course designed to provide an in-depth study of the application of science principles to the scientific investigation of the production, processing, preparation, evaluation, and utilization of food. A school-based laboratory is required for this course. Prerequisite: A Physical Science, Biology and Family and Consumer Science Fee: \$40

410025: Forensic and Criminal Investigation (one credit) - 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: \$25

Social Studies

ALTERNATIVE ACHIEVEMENT STANDARDS PATHWAY

600499: AAS Social Studies 9 (one credit)- 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

600500: AAS Social Studies 10 (one credit)- 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

600501: AAS Social Studies 11 (one credit)- 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

600502: AAS Social Studies 12 (one credit)- 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

700031: Essentials I World History (one credit) - 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

700032: Essentials II U.S. History to 1877 (one credit) - 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

700033: Essentials III U.S. History from 1877 (one credit) - 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

700034: Essentials IV Economics (one credit) - 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

700035: Essentials IV U.S. Government (one credit) - 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

230013: World History 1500 to Present (one credit) - This 9th grade course examines the 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

230015: World History 1500 to Present, Advanced* (one credit) - This course, for able and ambitious 9th 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

230016: United States History I - Beginnings to the Industrial Revolution (one credit) – This course is the first part of a two-course study of U.S. History. This 10th grade course examines the social and political history of the United States from prehistoric times to post-Civil War Reconstruction.

Prerequisite: Course fulfilling World History requirement Fee: None

230018: United States History I - Beginnings to the Industrial Revolution, Advanced* (one credit) - 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 10th grade course. The course examines the social and political history of the U.S. from prehistoric times to post-Civil War Reconstruction.

Prerequisite: Course fulfilling World History requirement Fee: None

230019: United States History II - The Industrial Revolution to the Present (one credit) - This 11th 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

230021: United States History II - The Industrial Revolution to the Present, Advanced* (one credit) - Advanced U.S. History for 11th 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

Fee: None

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.

230041: U.S. Government (one-half credit) – This course focuses on the origins, functions, and branches of the U.S. government; representative democracy; federalism; political/civic life; analysis of Constitution, Bill of Rights, and other relevant documents; foreign policy. **This course must be paired with Economics to fulfill history requirements.**

Prerequisite: Course fulfilling U.S. History II requirement

Fee: None

230043: U.S. Government, Advanced* (one-half credit) - Advanced work in the government's origins, functions, and branches of the U.S. government; representative democracy; federalism; political/civic life; analysis of Constitution, Bill of Rights, and other relevant documents; foreign policy. **This course must be paired with Advanced Economics to fulfill the history requirement.**

Prerequisite: Course fulfilling U.S. History II requirement

Fee: None

230051: Economics (one-half credit) - Topics include basic elements of economics; comparative economic systems and economic theories; role of the consumer; business and labor issues; functions of government; structure of U.S. banking system; role of Federal Reserve **This course must be paired with the U.S. Government to fulfill history requirements.**

Prerequisite: Course fulfilling U.S. History II requirement

Fee: None

230053: Economics, Advanced* (one-half credit) - Advanced work in the basic elements of economics; comparative economic systems and economic theories; role of the consumer; business and labor issues; functions of government; structure of U.S. banking system; role of Federal Reserve. **This course must be paired with the Advanced U.S. Government to fulfill the history requirement.**

Prerequisite: Course fulfilling U.S. History II requirement

Fee: None

Foreign Language

Candidates for graduation 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.

270023: French 1 (one credit) - 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: None Fee: None

270024: French 2 (one credit) - 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

270153: Spanish 1 (one credit) - 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 language study, students explore aspects of the Spanish culture, geography, history, and literature.

Prerequisite: None Fee: None

270154: Spanish 2 (one credit) - Spanish 2 is a continuation of Spanish 1. The focus of this course will be on listening and speaking skills including understanding and responding to directions, commands, and questions; reading with comprehension main ideas from simple texts; writing with comprehension short presentations; further understanding of Spanish-speaking cultures.

Prerequisite: Spanish 1 Fee: None

Career Preparedness

400025: Career Preparedness (one credit) - Required for all students in the graduating classes of 2019 beyond. 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

600512: AAS Career Preparedness (one credit) - 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

700043: Essentials Career Preparation (one credit) - 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

Health and Physical Education

250002: 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.**

Prerequisite: None

600503: AAS Health-10 (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

240090: Beginning Kinesiology (one credit) - Stand-alone course which encompasses the basic concepts of athletics and fitness, and introduces students to the basic physiological, psychological, sociological, and mechanical principles of human movement. Highly recommended that students take Beginning Kinesiology in Grade 9. This is the only course that fulfills the graduation requirement for physical education **Prerequisite for all physical education elective courses.**

Prerequisite: None Fee: None

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 9th through 12th 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.

240012: Adventure and Cooperative Activities (one credit) - Elective class that will allow students to progress through an experience-based program that emphasizes interpersonal relationships and individual growth. This course encourages students to develop greater self-confidence while acquiring a sense of commitment to and trust in their classmates. It is designed to expose students to a variety of outdoor skills.
Prerequisite: Beginning Kinesiology Fee: None

240014: Strength and Conditioning (one credit) - 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 Fee: None

240016: Life Sports- Individual, Dual, and Team (one credit) - Elective course that gives students basic knowledge of individual, dual, and team sports. Students will progressively learn skills and game strategies for each sport, as well as historical background and terminology.
Prerequisite: Beginning Kinesiology Fee: None

240011: Sports Officiating Certification (one 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 Fee: None

Arts Education

VISUAL ARTS COURSES

286100: Introduction to Visual Arts I (one 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: None Fee: \$25

286200: Visual Arts II (one 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

TRADITIONAL AND EMERGING ASSEMBLE: BAND COURSES

283108: Introduction to Woodwinds I (one credit) - This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a setting of only woodwind instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

Prerequisite: Approval by Band Director Fee: \$25

283110: Introduction to Brass I (one credit) - This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a setting of only brass instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

Prerequisite: Approval by Band Director Fee: \$25

283112: Introduction to Percussion I (one credit) - This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a setting of only percussion instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

Prerequisite: Approval by Band Director Fee: \$25

283208: Woodwinds II (one credit) - This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a setting of only woodwind instruments. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

Prerequisite: Woodwinds I and/or Approval by Band Director Fee: \$25

283210: Brass II (one credit) - This is a one-half credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a setting of only woodwind instruments. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.
Prerequisite: Brass I and/or Approval by Band Director Fee: \$25

283212: Percussion II (one credit) - This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a setting of only percussion instruments. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts
Prerequisite: Percussion I and/or Approval by Band Director Fee: \$25

283308: Woodwinds III (one credit) - This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music setting of only woodwind instruments. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts
Prerequisite: Woodwinds II and/or Approval by Band Director Fee: \$25

283310: Brass III (one credit) - This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music setting of only brass instruments. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.
Prerequisite: Brass II and/or Approval by Band Director Fee: \$25

283312: Percussion III (one credit) - This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music setting of only percussion instruments. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.
Prerequisite: Percussion II and/or Approval by Band Director Fee: \$25

283408: Woodwinds IV (one credit) - This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a setting of only woodwind instruments. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

Prerequisite: Woodwinds III and/or Approval by Band Director Fee: \$25

283410: Brass IV (one credit) - This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a setting of only brass instruments. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

Prerequisite: Brass III and/or Approval by Band Director Fee: \$25

283412: Percussion IV (one credit) - This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a setting of only percussion instruments. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

Prerequisite: Percussion III and/or Approval by Band Director Fee: \$25

MUSIC LITERACY AND MUSIC THEORY COURSES

283009: Music, Elements of Arts Literacy (one-half credit) - 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 the history of music, and the ethical and appropriate use of the medium.

Prerequisite: None Fee: None

THEATRE COURSES

285100: 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 the basic history of theater and technical theatre.

Prerequisite: None Fee: \$25

285200: 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

TRADITIONAL AND EMERGING ENSEMBLES: CHORAL COURSES

283600: Introduction to Mixed Chorus I (one 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: Approval by Choral Instructor Fee: \$25

283604: Introduction to Chamber Chorus I - Ensemble (one credit) - This is a one credit course, novice level, designed for beginning music 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: Approval by Choral Instructor Fee: \$25

283700: Mixed Chorus II (one 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 Approval by Choral Instructor Fee: \$25

283704: Chamber Chorus II - Ensemble (one credit) - This is a one credit course, intermediate level, designed for students with at least one year of experience to continue 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 continue to 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: Approval by Choral Instructor Fee: \$25

283800: Mixed Chorus III (one 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 Approval by Choral Instructor Fee: \$25

283900: Mixed Chorus IV (one 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 Approval by Choral Instructor Fee: \$25

Academic Electives and Other Electives

600535: AAS: Community Based Instruction (one credit) - These courses are for students 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. These courses may be used to fulfill the health requirement using alternate achievement standards

Prerequisite: None Fee: None

651112: AAS: Community Based Instruction Beyond - These courses are for students who are continuing to work beyond their fourth year of high school. These courses are for students working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards. These courses will not 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 these courses.

Prerequisite: None Fee: None

600549: AAS: Elective (one credit) - These courses are for students 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. These courses may be used to fulfill the health requirement using alternate achievement standards.

Prerequisite: None Fee: None

654207: AAS: Elective Beyond (one credit) - These courses are for students who are continuing to work beyond their fourth year of high school. These courses are for students working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards. These courses will not 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 these courses.

Prerequisite: None Fee: None

600507: AAS: Life Skills (one credit) - 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

651612: AAS: Life Skills Beyond (one credit) - These courses are for students who are continuing to work on life skills beyond their fourth year of high school. These courses are for students working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards. These courses will not 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 these courses.

Prerequisite: None Fee: None

650202: AAS: Reading Beyond (one credit) - These courses are for students who are continuing to work on transition skills in reading beyond their fourth year of high school. These courses will not 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 this course

Prerequisite: AAS Reading 12 Fee: None

600516: AAS: Pre-Vocational (one credit) - These courses are for students 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.

Prerequisite: None Fee: None

600525: AAS: Vocational (one credit) - These courses are for students enrolled in a vocational course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards. These courses may be used to fulfill the health requirement using alternate achievement standards.

Prerequisite: None Fee: None

653205: AAS: Vocational Beyond (one credit) - These courses are for students who are continuing to work on vocational skills beyond their fourth year of high school. These courses are for students working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards. These courses will not 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 these courses.

Prerequisite: None Fee: None

802200ac: 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: None

230201: Contemporary World Issues and Civic Engagement (one credit) - Current issues from historical and geographical perspectives; knowledge of key contemporary personalities and events that impact lives. DOES NOT FULFILL ANY OF THE FOUR SOCIAL STUDIES CREDITS REQUIRED FOR GRADUATION.

Prerequisite: None Fee: None

200033: Creative Writing (one credit) – This course 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. Students may take this course in subsequent terms for additional elective credit(s). This course may not be used to fulfill core course requirements. DOES NOT FULFILL ANY OF THE FOUR ENGLISH CREDITS REQUIRED FOR GRADUATION.

Prerequisite: None Fee: None

200039: Creative Writing (one-half credit) – This course 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. Students may take this course in subsequent terms for additional elective credit(s). This course may not be used to fulfill core course requirements. DOES NOT FULFILL ANY OF THE FOUR ENGLISH CREDITS REQUIRED FOR GRADUATION.

Prerequisite: None Fee: None

802208ac: Marching Band Auxiliaries (one-half credit) - This course incorporates all visual ensembles of the marching band program. 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

200045: Debate (one credit) - 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

300001: English for Speakers of Other Languages (one credit) - This course is for students in grades 9-12 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

802200ak: Enrichment (one credit) - The purpose of this course is to enhance organization, listening, note-taking, and time management skills so that students can learn to manage 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

520043: Exploring Computer Science (one credit) – This course focuses 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 such as interface design, limits of computers, and societal and ethical issues. 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. Students will develop computational practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today’s students.

Prerequisite: 10th Grade Status Fee: None

240033: Varsity Football (one credit) - This course covers fundamentals of football. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive football. PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

Prerequisite: Beginning Kinesiology Fee: None

802105: Freshman Seminar (one credit) - This course is designed to help 9th graders make the most of their high school experience through the 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: 9th Grade Status Fee: None

230032aa: History Through Film (one 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

Prerequisite: None Fee: None

200051: Journalism 1 (one credit) - This course focuses on newspaper study; newspaper production; news information gathering; proofreading; journalistic writing. This course does not fulfill any of the four English credits required for graduation.

Prerequisite: None Fee: None

200035: Mass Media (one credit) - 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. Students may take Mass Media in subsequent terms for additional elective credits. Journalism is now incorporated into this course. This course may not be used to fulfill core course requirements.

Prerequisites: None Fee: None

200026: Mythology and Fable (one credit) - 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

230071: Psychology (one credit) - 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: 10th, 11th, or 12th Grade Status Fee: None

802208ad: Service Learning-CTE (one 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 taken at off-campus institutions (Craft Academy).
Prerequisite: None Fee: None

200036aa: Research and Writing, Advanced (one 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

230081: Sociology (one credit) - 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

200043: Speech I (one 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

Career & Technical Education Electives

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

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

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

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 a paid educational program consisting of in-school instruction combined with program-related on-the-job work experience in a business or industrial establishment. 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 11th or 12th 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 11th and 12th 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)

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.

480031: Air Force JROTC Leadership and Cultural Studies (one credit) - A one-credit course designed to provide students with an increased international awareness and insight into foreign affairs; an understanding of European, Middle Eastern, South and East Asian, African, and Latin American cultures; and an enhanced knowledge of American's interest and role in the world. Students apply prior leadership theory through hands-on practices and experiences.

Prerequisite: None Fee: None

510013: Chemistry of Food (one credit) - A course designed to provide an in-depth study of the application of science principles to the scientific investigation of the production, processing, preparation, evaluation, and utilization of food. A school-based laboratory is required for this course

Prerequisite: A Physical Science, Biology and Family and Consumer Science Fee: \$40

410025: Forensic and Criminal Investigation (one credit) - 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: \$25

802200aa: Ready to Work (one-half credit) - The course consists of the Alabama Industrial Development and Training (AIDT) Ready-to-Work curriculum that teaches students workplace behaviors, communication, problem solving, finance, ACT WorkKeys assessment and job preparation. Students who successfully complete this course will earn the Alabama Certified Worker (ACW) credential and the National Career Readiness Certificate (NCRC).

Prerequisite: 12th Grade Status Fee: None

802200aj: Ready to Work Industry Content (one-half credit) - After completing the Ready to Work course, students experience career enrichment by participating in weeklong learning events related to advanced safety, manufacturing, construction, automotive, logistics, hospitality, professional services, health care and interview preparation.

Prerequisite: Ready to Work and 12th Grade Status Fee: None

400016: Workforce Essentials (one credit) - Workforce Essentials is a one credit course that provides students with higher-level academic and occupational skills that are transferable across jobs and occupational areas. Emphasis is placed on academic foundations for careers, applied technology, career development and employment, entrepreneurship and business economics, social and ethical responsibility, leadership and teamwork, safety and health, and technical knowledge and skills. Students build on prior knowledge, strengths, interests, and needs that enhance preparation for future employment and continuing education and training.

Prerequisite: None Fee: \$10

BESSEMER CITY HIGH SCHOOL

CAREER ACADEMY OPTIONS

Beginning in the 2020 - 2021 school year, Bessemer City High School's Career Academies will offer career-themed programs that link the core academics with careers projected to be in demand for the next ten to twenty years. Each academy will provide a rigorous and enriching curriculum, actively involving employers and higher education institutions, in preparing students for both college and careers, while also providing students with a purpose for continued learning.

ACADEMY OF 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 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,
ARCHITECTURE & CONSTRUCTION COULD BE RIGHT FOR YOU.**

WELDING PROGRAM

Sequence	Recommended Pathway Courses
1st and 2nd Courses	Architecture, Construction & Manufacturing and NCCER Welding 1 (foundation)
3rd and 4th Courses	NCCER Welding 2 and Safety and Health Regulations
4th or 5th Courses	NCCER Welding 3
Career Readiness Indicators	
• NCCER Core • NCCER Welding Level 1 • NCCER Welding Level 2 as recommended by the Advisory Committee	
Potential Workforce Careers	
• Welder • Certified Welding inspector • Welding Supervisor • Underwater Welder • Pipelifter • Industrial	

430004: Architecture, Construction and Manufacturing (one credit) - This foundation course provides students with an overview of the Architecture and Construction career cluster, which includes three pathways: Construction, Design and Preconstruction, and Maintenance Operations. Students in this foundation course will be provided an opportunity to engage in challenging curricula and develop technical skills in the areas of safety, related mathematics, usage of hand and power tools, construction industry, blueprint reading, basic rigging, and basic employability skills.

Prerequisite: None Fee: \$40

410011: Safety and Health Regulations (one credit) - 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: \$40

432901: NCCER Welding 1 (one credit) - This course is the first of four required one credit courses in the Welding Technologies Pathway. It is designed to complete all core requirements for NCCER Core Credentialing and to provide students with fundamental knowledge and skills emphasizing use of hand tools, power tools, welding theory and practices which are utilized in the manufacturing and construction industry. This entry-level course is required for NCCER Welding Level I Credentialing and may be taken as one of the optional technical courses with credit applied to the Industrial Maintenance Technology area.

Prerequisite: NCCER Core Fee: \$40

432902: NCCER Welding 2 (one credit) - This course is the second of four required one credit courses in the Welding Technologies Pathway. Topics include: basic shielded metal arc welding, blueprint reading, weld symbols, joint identification, and print reading. Emphasis is placed on fundamental knowledge, guided practice, and NCCER Welding Level I requirements. As one of the optional technical courses with credit applied to the Industrial Maintenance Technology area.

Prerequisites: NCCER Welding 1 & Teacher Recommendation Fee: \$40

432903: NCCER Welding 3 (one credit) - This course is the third of four required one credit courses in the Welding Technologies Pathway. It is designed to provide students with theory, practice, and skills development. Emphasis is placed on the application and operation of shielded metal arc welding (SMAW), equipment in the vertical, 3-F and overhead, 4-F positions leading to NCCER Welding Level I Credentialing.

Prerequisites: NCCER Welding 2 and Teacher Recommendation Fee: \$40

HEATING, VENTILATION, AIR CONDITION, AND REFRIGERATION PROGRAM

Sequence	Recommended Pathway Courses
1st and 2nd Courses	Architecture, Construction & Manufacturing and NCCER HVAC 1 (foundation)
3rd and 4th Courses	NCCER HVAC 2 and Safety and Health Regulations
4th or 5th Courses	NCCER HVAC 3
Career Readiness Indicators	
• NCCER Core • NCCER HVAC Level 1 • NCCER HVAC Level 2 as recommended by the Advisory Committee	
Potential Workforce Careers	
• Heating & Air Conditioning • HVAC Service Technician • HVAC installer	

430004: Architecture, Construction and Manufacturing (one credit) - This foundation course provides students with an overview of the Architecture and Construction career cluster, which includes three pathways: Construction, Design and Preconstruction, and Maintenance Operations. Students in this foundation course will be provided an opportunity to engage in challenging curricula and develop technical skills in the areas of safety, related mathematics, usage of hand and power tools, construction industry, blueprint reading, basic rigging, and basic employability skills.

Prerequisite: None Fee: \$40

410011: Safety and Health Regulations (one credit) - 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: \$40

432601: NCCER HVAC 1 (one credit) - This is the first of 3 required one-credit courses in the HVAC Technologies Pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing use of hand tools, power tools, HVAC theory and practice for use in heating, ventilation, air conditioning industry. This entry-level course is required for NCCER HVAC Level I credentialing.

Prerequisites: None Fee: \$40

432602: NCCER HVAC 2 (one credit) - This is the second of 3 required one-credit courses in the HVAC Technologies pathway. Topics include: HVAC theory, application, and the study of components and functions of refrigeration systems. Emphasis is placed on fundamental knowledge, guided practice and NCCER HVAC Level I requirements.

Prerequisites: HVAC 1 and Teacher Recommendation Fee: \$40

432603: NCCER HVAC 3 (one credit) - This is the third of 3 required one-credit courses in the HVAC Technologies pathway. It is designed to provide students with theory, practice, and HVAC skills development. Emphasis is placed on application, installation, and operation of HVAC systems leading to NCCER HVAC Level I Credentialing.

Prerequisites: HVAC 2 and Teacher Recommendation Fee: \$40

ACADEMY OF BUSINESS MANAGEMENT AND ADMINISTRATION

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 YOU 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 AND ADMINISTRATION COULD BE RIGHT FOR YOU.**

BUSINESS MANAGEMENT AND ADMINISTRATION PROGRAM

Sequence	Recommended Pathway Courses
1st Course	Career Preparedness
2nd Course	Business Technology Applications
3rd Course	Multimedia Design
4th Course	Personal Finance
5th Course	Law in Society
6th Course	Advanced Business Technology Applications
Career Readiness Indicators	
<ul style="list-style-type: none"> • Adobe Certified Associate (ACA) - Photoshop • Adobe Certified Associate (ACA) - Dreamweaver • Adobe Certified Associate (ACA) - Flash • Adobe Certified Associate (ACA) - Premier Pro • Adobe Certified Associate (ACA) - InDesign Adobe Certified Associate (ACA) - Illustrator • ASK Institute -Concepts of Entrepreneurship and Management • ASK Institute - Fundamental Business Concepts • IC3 Global Standard 4 • Microsoft Office - Excel Expert • Microsoft Office-Word Expert • Microsoft Office Specialist (MOS) (Two of the following areas REQUIRED) • Access • Excel • Outlook •PowerPoint • SharePoint • Word 	
Potential Workforce Careers	
<ul style="list-style-type: none"> • Chief Executive Officer • Entrepreneur • General Manager • Human Resources Manager • Training and Development Specialist • Labor and Personnel Relation Specialist • Executive Assistant • Office Manager • Receptionist • Business and Development Manager • Operations Analyst • Management Analyst • Legal Secretary 	

NOTE: With the exception of Career Preparedness, courses do not have to be taken in any specific sequence for this pathway.

450006: Business Technology Applications (one credit) - Business Technology Applications (BTA) 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: \$40

450007: Business Essentials (one credit) - Business Essentials is designed to introduce students to commerce and information technology. Students learn about the different types of business ownership and engage in leadership, entrepreneurship, ethics, business management and finance, safety, and communication and interpersonal skills activities.

Prerequisite: None Fee: \$40

450031: Business Technology Applications, Advanced (one credit)- This course, formerly titled Integrated Computer Technology, provides students with project-based applications of concepts learned in Business Technology Applications. Emphasis is placed on constructing written communications; designing spreadsheets, charts, graphs, and databases; preparing multimedia presentations.

Prerequisite: Business Technology Applications Fee: \$40

450011: Law in Society (one-half credit) - Law in Society 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

470060: Entrepreneurship (one credit) - This one-credit course is designed to provide students with the skills needed to effectively organize, develop, create, and manage a business. This course includes business management and entrepreneurship, communication and interpersonal skills, economics, and professional development foundations.

Prerequisite: None Fee: \$40

410016: Multimedia Design (one credit) - 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: \$40

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 professionals 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.**

FINANCE PROGRAM

Sequence	Recommended Pathway Courses
1st Course	Career Preparedness
2nd Course	Business Technology Applications
3rd Course	Banking & Financial Services
4th Course	Personal Finance
5th Course	Accounting
6th Course	Work-based Learning/Cooperative Education (or other elective)
Career Readiness Indicators	
<ul style="list-style-type: none"> • ASK Institute — Concepts of Finance • IC3 Global Standard 4 (or higher) • Intuit® Quickbook's Certified User • Microsoft Office — Excel Expert • Microsoft Office — Word Expert • Microsoft Office Specialist (MOS) (Two of the following areas REQUIRED) — Access, Excel, Outlook, PowerPoint, SharePoint, Word 	
Potential Workforce Careers	
<ul style="list-style-type: none"> • Account • 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 	

NOTE: With the exception of Career Preparedness, courses do not have to be taken in any specific sequence for this pathway.

470012: Accounting (one credit) - 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: None Fee: \$40

450006: Business Technology Applications (one credit) - 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: \$40

470011: Banking & Financial Services (one credit) - A course designed to help students develop skills related to banking and related services as they process customer transactions, maintain cash drawer, process documents, and respond to customer requests to provide other customer services.

Prerequisite: None Fee: \$40

400021: Personal Finance (one credit) - This course introduces students to the management of personal and family resources to achieve personal goals and financial literacy. Course content provides opportunities for students to explore consumer behavior, laws and legislation, consumer protection, consumer rights and responsibilities, consumer decision making, advertising and promotional techniques, individual and family money management, banking services, use of credit, income tax technology and careers in providing financial services to individuals and families.

Prerequisite: None Fee: \$40

400022: Personal Finance (one-half credit) - This course introduces students to the management of personal and family resources to achieve personal goals and financial literacy. Course content provides opportunities for students to explore consumer behavior, laws and legislation, consumer protection, consumer rights and responsibilities, consumer decision making, advertising and promotional techniques, individual and family money management, banking services, use of credit, income tax technology and careers in providing financial services to individuals and families.

Prerequisite: None Fee: \$20

ACADEMY OF 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 service 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
1st Course	Family and Consumer Sciences (foundation)
2nd Course	Food & Nutrition
3rd Course	Chemistry of Foods
4th Course	Entrepreneurship in FAC
Career Readiness Indicators	
• ServSafe Manager • ASK Institute - Concepts of Entrepreneurship and Management	
Potential Workforce Careers	
• 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	

510013: Chemistry of Food (one credit) - A course designed to provide an in-depth study of the application of science principles to the scientific investigation of the production, processing, preparation, evaluation, and utilization of food. A school-based laboratory is required for this course.
Prerequisite: A Physical Science, Biology and Family and Consumer Science Fee: \$40

510008: Entrepreneurship in Family and Consumer Science (one credit) - This discusses 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: None Fee: \$40

510004: Family and Consumer Sciences (one credit) - 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: \$40

510011: Food and Nutrition (one credit) - 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: Family and Consumer Science Fee: \$40

510012: Food and Nutrition (one-half credit) - 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: Family and Consumer Science Fee: \$20

FASHION PROGRAM

Sequence	Recommended Pathway Courses
1st Course	Family and Consumer Sciences (required prerequisite)
2nd Course	Fashion Design
3rd Course	Entrepreneurship in FAC
Career Readiness Indicators	
<ul style="list-style-type: none"> • National Retail Federation - National Professional Certification in Customer Service and Sales • ASK Institute - Concepts of Entrepreneurship and Management • SerSafe Manager 	
Potential Workforce Careers	
<ul style="list-style-type: none"> • 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 	

510004: Family and Consumer Sciences (one credit) - 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: \$40

510008: Entrepreneurship in Family and Consumer Science (one credit) - This discusses 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: None Fee: \$40

510044: Fashion Design (one credit) - This course is designed for students interested in pursuing a career in fashion design. It provides students with knowledge and skills for application or artistic expression related to textiles, apparel, and fashion design. A fashion design studio is the required school-based laboratory for this course.

Prerequisite: None Fee: \$40

NATURAL HAIRSTYLING PROGRAM

Sequence	Recommended Pathway Courses
1st Course	Introduction to Cosmetology
2nd Course	Natural Hairstyling Practicum
3rd Course	Salon Practices and Management
4th Course	Introduction to Spa Techniques (elective)
Career Readiness Indicators	
• Natural Hair Styling Licensure	
Potential Workforce Careers	
• Shampoo Assistant • Skin Care Specialist • Salon Owner • Spa Manager	

510060: Introduction to Cosmetology (one credit) - 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.

Prerequisites: Application and Instructor Approval

Fee: \$40, and required Cosmetology Kit (black lab jacket, manikin, brushes, combs, and hair clips)

510063: Introduction to Spa Techniques (one credit) - This course focuses on the structure and function of various systems of the body. This course also provides hands-on experiences in facial massage techniques, skin care, and hair removal.

Prerequisite: Introduction to Cosmetology Fee: \$30

510076: Natural Hairstyling Practicum (one credit) - Natural Hair Styling Practicum is designed to provide instruction on natural hair care services and techniques for styling and grooming natural hair. Core domain service areas include work area and client preparation, set-up of supplies, safe work practices, procedures related to services and design, and blood exposure procedure.

Prerequisites: Introduction to Cosmetology and Instructor Approval

Fee: \$40 and required Cosmetology Kit (black lab jacket, manikin, brushes, combs, and hair clips).

510065: Salon Practices and Management (one credit) - A one-credit course designed to assist students in developing entry-level management skills for the cosmetology industry. Students practice all phases of cosmetology in a salon setting.

Prerequisite: Introduction to Cosmetology Fee: \$30

ACADEMY OF INFORMATION TECHNOLOGY (IT)

WIRE THE WORLD

• ARE YOU INTERESTED IN NEWS AND CURRENT EVENTS?

Mathematics is the basis for the way computers work.

• DO YOU LIKE TO TAKE THINGS APART AND PUT THEM BACK TOGETHER?

It jobs require 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 BUSINESS 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.**

NETWORK SYSTEMS and COMPUTER SERVICES PROGRAM

Sequence	Recommended Pathway Courses
1st Course	Information Technology Fundamentals
2nd Course	Networking I
3rd Course	Networking II
4th Course	Networking III
Career Readiness Indicators • C-Tech Copper Network Cabling Specialist • C-Tech Fiber Network Cabling Specialist Certified Network Computer Technician • Cisco Certified Network Associate (CCNA) - Routing and Switching • CompTIA A+ • CompTIA Network+ • CompTIA Security+ • Electronic Technician Association-Certified Electronics Technician • Microsoft Certified Solutions Expert (MCSE) • Microsoft Technology Associate (MTA)	
Potential Workforce Careers • Information Security Analyst • Computer Hardware Engineers • Network Architects • Telecommunications • Network and Computer Systems Administrators • Computer Network Support Specialist • Computer and Information Research Scientist • Computer and Information System Manager	

520005: Information Technology Fundamentals (one credit) - This course is designed to provide students with skills involving the design, installation, maintenance, and operation of computer systems. Activities and topics of study include personal and business computer hardware, software, troubleshooting, repair, and installation. Wired and wireless network configuration, peripheral devices, operating systems, information technology careers, and technology ethics issues are content standards for this course. Students receive both classroom instruction and hands-on laboratory experiences. Upon successful completion of this course, students should be able to maintain, upgrade, and configure PC systems.

Prerequisite: Career Preparedness Fee: \$35

520021: Networking I (one credit) - Networking I is a one credit advanced Information Technology course designed for students with prior knowledge in the areas of computer hardware, operating systems, and computer software applications. This course provides students with additional skills necessary to effectively plan, develop, and administer both a wired and wireless local area network (LAN). Topics addressed in this course include network operating systems, network architectures, network protocols, and emerging technologies.

Prerequisite: Information Technology Fundamentals Fee: \$35

520022: Networking II (one credit)- Networking II is a one credit advanced Information Technology course designed for students with a high degree of interest in advanced networking topics. Topics addressed in this course will be a continuation of those covered in Networking I at a more detailed level.

Prerequisites: Networking I Fee: \$35

520023: Networking III (one credit) - Networking III is a one credit course designed to provide students with the skills needed to perform routing and switching in an enterprise network. Students configure a switch with virtual local area networking and inter-switch communication.

Prerequisites: Networking II Fee: \$35



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

TRANSCRIPT AUDIT FORM

ENGLISH (4 CR)		MATHEMATICS (4 CR)		SOCIAL STUDIES (4 CR)		SCIENCE (4 CR)	
English 9		Algebra IA		World History		Biology	
English 10		Algebra IB		US History 10		Physical Science	
English 11		Algebra I		US History 11		Chemistry	
English 12		Geometry		US Government		Physics	
		Algebra II		Economics		Environmental Science	
		Algebra II w/Trig				Anatomy/Physiology	
		Algebraic Connections				Earth & Space	
		Algebra w/Finance					
		Pre-Calculus					
		Calculus					
PHYSICAL ED (1 CR)		ELECTIVES					
Beginning Kinesiology		FOREIGN LANGUAGE		CAREER TECH		FINE ARTS	
		French I					
		French II					
HEALTH (1/2 CR)		Spanish I					
Health		Spanish II				OTHER ELECTIVES	
CAREER PREP							

2020-2021 SCHOOL CALENDAR

2020		
July 3	Independence Day Observed (Schools Offices Closed)	Friday
July 13	11 Month Employees Return	Monday
July 23	10 Month Employees Return	Thursday
August 5	New Teacher Orientation	Wednesday
August 6	Nine Month Employees Return District- Wide Professional Dev	Thursday
August 7	Employee Institute	Friday
August 10	Teacher Work Day	Monday
August 11	Students Return	Tuesday
September 7	Labor Day	Monday
October 12	District- Wide Professional Dev	Monday
October 13	End of First Nine Weeks	Tuesday
October 16	Report Cards	Friday
October 30	Fall Break/ Inclement Weather Make-up day (if needed) 11- and 12- Month Employees work	Friday
November 11	Veteran's Day holiday	Wednesday
November 23-27	Thanksgiving holiday Students 9& 10 month employees Thanksgiving holiday	Monday-Friday
November 25-27	11 & 12 month employees Thanksgiving holiday	Wednesday-Friday
December 18 (Early dismissal)	2nd Nine Weeks Ends 1st semester ends	Friday
December 21-Jan 1 December 23-Jan 1	Winter break 9, 10, and 11 month Winter break 12 month (12-month work Dec 22)	Monday-Friday Wednesday-Friday
2021		
January 4	9, 10, 11, & 12-month employees return	Monday
January 4	School based Professional Development	Monday
January 5	Teacher Work Day	Tuesday
January 6	Students Return	Wednesday
January 8	Report Cards Issued	Friday
January 18	MLK Holiday (Schools/Ofices Closed)	Monday
March 10	3rd Nine Weeks Ends	Wednesday
March 12	Report Cards	Friday
March 22-26	Spring Break	Monday-Friday
April 16	Inclement Weather Make-up day (if needed) 11- and 12-Month Employees work	Friday
May 27 (Early dismissal)	Last day for students Report Cards Issued	Thursday
May 28	Last day nine- month employees	Friday
May 31	Memorial Day	Monday
June 4	Last day ten-month	Friday
June 17	Last day for eleven-month employees	Thursday

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COLLEGE & CAREER READY

ACHIEVING STARTS WITH BELIEVING

TEACHING EFFECTIVELY – LEARNING SUCCESSFULLY



BC

**BESSEMER CITY
PURPLE TIGER**