JASPER HIGH SCHOOL



2026-2027 Course Selection Guide

Jasper High School

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The goal of Jasper High School is to inspire students to achieve academic excellence and make positive contributions to our interconnected community and world. We will operate in the 2026-2027 year under a block schedule, offering each student eight classes. Each semester students will have four classes that meet every day and conclude at the end of the term. We will also have a year-long block will be referred to as Viking block which will serve as an enrichment time. We hope you find this guide helpful as you select your classes for the 2026-2027 school year.

It is the official policy of the Jasper City School System that no person shall, on the grounds of race, color, disability, sex, religion, creed, national origin or age, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity.

Inquiries, complaints or concerns regarding compliance with federal regulations may be directed to Stephanie Trice, Director of Special Education, and Section 504 Coordinator, at 1501 Viking Drive, Jasper, AL 35501. Phone (205) 221-9277.

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GRADUATION REQUIREMENTS/DIPLOMA OPTIONS

There is only one diploma type in the State of Alabama. Students may also earn an Advanced Academic Endorsement or Honors Endorsement by meeting additional requirements as outlined below.

English: 4 credits
Four credits to include:
English 9, 10, 11, 12

Mathematics*: 4 credits
Four credits to include:
Geometry with Data Analysis
Algebra I with Probability
Algebra II with Statistics
Specialized math course

Science: 4 credits
Four credits to include:
Biology
A Physical Science (Physical Science, Physics, or Chemistry)
Two additional science courses

Social Studies: 4 credits
Four credits to include:
World History
U.S. History 10
U.S. History 11
.5 Government
.5 Economics

Basic Kinesiology (JROTC or other approved substitute) 1 credit
Health Education ½ credit
Foreign Language, Arts Education and/or CTE 3 credits
Career Preparedness 1 credit
Electives additional credits to equal a total of 28 credits

Total Required Units for Diploma 28 Credits

* Minimum coursework is Geometry, Algebra I, and Algebra II. A minimum of four math courses must be taken in grades 9 through 12.

Advanced Academic Endorsement
In order to earn an Advanced Academic Endorsement, a student must additionally take Advanced Algebra II/Trig, Pre-Calculus, Chemistry, an additional advanced level science, and two years of the same Foreign Language.

Honors Endorsement
In order to receive an Honors Endorsement, one must meet the Advanced Endorsement requirements and at least 10 credits must be on the honors, pre-AP, AP (core)* or DE (core)* level with four of those 10 being Advanced Placement (core)* or Dual Enrollment (core)*.
*Includes Computer Science AP, Computer Science A, AP, and Cybersecurity AP

DIPLOMA OPTIONS FOR STUDENTS WITH INDIVIDUALIZED EDUCATION PLANS

Diploma options for students with Individualized Education Plans are discussed and selected upon placement in the program and/or during annual IEP team meetings. Individual Case Managers may be contacted for specific information regarding diploma options.

STUDENT PROMOTION REQUIREMENTS

To Grade 10: A student will be classified as a 10th grader if he/she has earned a minimum of 6 credits.

To Grade 11: A student will be classified as an 11th grader if he/she has earned a minimum of 12 credits.

To Grade 12: A student will be classified as a 12th grader if he/she has earned a minimum of 20 credits.

Grade level status is based on the number of credits earned prior to the start of the school year. Students are assigned to advisory classes based on the criteria stated above.

COLLEGE AND CAREER READINESS INDICATORS

Alabama defines a student as college and career ready if the student earns **at least one** or a combination of the following six indicators:

- Benchmark score on any section of the ACT test
  - English-18
  - Math-22
  - Reading-22
  - Science-23
- Qualifying score on an AP exam
  - 3, 4, or 5
- Approved transcripted college or postsecondary credit while in high school
- Benchmark level on the ACT WorkKeys.
  - Silver or above
- Accepted for enlistment into the military
- Approved industry credential (This occurs through career tech classes.)

GRADING SCALE

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

Advanced Placement, pre-AP, honors and core dual enrollment courses have more rigorous requirements thus grades will be weighted by one additional quality point. The additional weight will be calculated in determining the students' standard weighted grade point average (GPA) but will not be reflected on the numeric grade.

ADVANCED PLACEMENT

The Advanced Placement (AP) program is a nationally recognized program sponsored by The College Board which enables students to complete college level studies while still in high school and to obtain college placement and/or credit on the basis of the rigorous Advanced Placement examinations. Each college and university has a score acceptance policy which determines whether AP credit is awarded. Participation in Advanced Placement courses are offered across the curriculum and students can pick and choose specific areas of interest in which to challenge themselves. All students planning to take an AP course should complete the Advanced Placement Agreement Form on page 33.

HONORS COURSES

Honors level courses are rigorous courses meant to challenge students in a particular area. The courses often require summer assignments and additional reading. They move through coursework at a faster pace and at a deeper level. Students should expect to commit more time for reading and homework than for an advanced level course.

ENROLLMENT IN COLLEGE COURSES WHILE IN HIGH SCHOOL

JHS students who desire to take college courses while in high school have two options available to them:

DUAL ENROLLMENT

Dual Enrollment (DE) is an agreement that exists between The Jasper City Schools and a college to provide students the opportunity to obtain both college and high school credit for a course taken through the college while in high school. Dual Enrollment courses are offered either online or in the traditional classroom setting at the college. Students eligible for dual enrollment are set forth by each college.

In order to enroll in a DE course, students must apply online to the college, submit parent authorization to the college, and complete a dual enrollment registration form which is then submitted to their high school counselor for approval. Students who select to take courses through dual enrollment are responsible for paying tuition directly to the college. Students may be required to meet placement requirements or take placement tests in order to enroll in some courses. Forms, applications, cost, and more information may be found on individual colleges' websites.

Dual enrollment begins a student's college transcript. The grade earned in the dual enrollment class is posted to both the high school transcript and the college transcript, and counts toward the high school GPA at both schools. Earned credit will be placed on the Jasper High School transcript after grades have been released from the college. Grades/credit will appear on the college transcript once proof of high school graduation has been provided by the student to the college. For credit to be awarded upon transfer from the awarding college to another college, the student must request that the transcript to be sent from said college to the transfer college.

Common approved courses for dual enrollment (more can be found on the colleges' websites for dual enrollment):

COLLEGE COURSE	HIGH SCHOOL COURSE EQUIVALENT
ENG101 - English 101	01999C1001 - English 11 or 01999C1002 - English 12
ENG102 - English 102	01999C1001 - English 11 or 01999C1002 - English 12
HY201 - United States History I	04999C1009 - US History to 1877
HY202 - United States History II	01999C1010 - US History 1877-present
MTH115 - Precalculus Algebra & Trigonometry	02999C1002 - Precalculus
MTH125 - Calculus I	02999C1005 - Calculus
PSY200 - General Psychology	04999C1018 - Psychology
ART100 - Art Appreciation	05999C1001 - Art Appreciation
MUS101 - Music Appreciation	05999C1026 - Music Appreciation
SPH107 - Fundamentals of Public Speaking	11999C1004 - Public Speaking

Additional Career Tech courses may be taken for dual credit. See your counselor or career coach to discuss this option.

ACCELERATED HIGH SCHOOL STUDENT

Eligible high school students may enroll in college classes concurrently with high school classes and receive college credit while NOT receiving high school credit. These courses are not included on the JHS transcript nor calculated in the JHS GPA. Bevill State Community College admissions, course placement, and course sequencing are applicable. A student is eligible for admission when the student has completed the 10th grade and has a 2.5 grade point average.

In order for a student to enroll in an accelerated course, students must complete an accelerated registration form and submit to their school counselor for approval. Students who select to take courses through accelerated credit are responsible for paying tuition directly to BSCC. The student may enroll only in postsecondary courses for which high school prerequisites have been completed (e.g., a student may not take English Composition until all required high school English courses have been completed). Students may be required to meet placement requirements or take placement tests in order to enroll in some courses. Forms, applications, cost, and more information can be found on the individual college website or by clicking the link below:

MIDYEAR COMPLETION OF HIGH SCHOOL

Students have the option of completing high school in December of their senior year. All regular graduation requirements must be met by December of the senior year including 28 credits and all required coursework. To qualify, students must have a minimum of 24 credits that meet the required coursework as well as attain a “College or Career Readiness Indicator” by the end of the student’s junior year. Students participating in early completion are allowed to participate in their graduation ceremonies and may attend prom under conditions listed in the JHS Student Handbook. No student who completes in December will be allowed to participate in any other extracurricular activity or sport after December. Students interested in early completion should speak with their counselor prior to the end of their junior year to discuss the student’s postsecondary plans and options. An interview with the principal and principal’s approval is required.

ALABAMA HIGH SCHOOL ATHLETIC ASSOCIATION ELIGIBILITY

Requirements

(a) Students entering the 10th and 11th and 12th grades must have passed during the last two semesters in attendance and summer school, if applicable, at least six new Carnegie units with a minimum composite numerical average of 70 in those six units.

i) Four core curriculum courses must be included in those units passed and averaged. (English, mathematics, science and social studies are core curriculum courses. Any combination of these courses is accepted.)

ii) Any student that accumulates more than four units of core courses per year may earn less than the required four core courses during the next school year and be eligible as long as the student remains on track for graduation with his/her class.

(b) Students entering the 8th and 9th grades must have passed during the last two semesters in attendance and summer school, if applicable, at least five new subjects with a minimum composite numerical average of 70 in those five subjects and must have been promoted to the next grade.

Note: A new unit is one that has not been previously passed. A semester is half of a school year as defined by the local school system.

Guidelines

1. Eligibility may be determined before the start of each new school year or at the beginning of the second semester. A student that is academically eligible at the beginning of the school year remains eligible for the remainder of that school year so far as grades are concerned. A student that regains eligibility at the beginning of the second semester remains eligible for the remainder of the second semester so far as grades are concerned.
2. Students declared ineligible at the beginning of a school year may regain their eligibility at the end of the first semester (or trimester) by meeting the academic requirements listed above during their last two semesters in attendance and summer school, if applicable. The regained eligibility of any student may be determined any time after the end of the first semester (or trimester), but all course requirements used to determine the eligibility must be completed no later than the fifth day of the second semester (or second trimester). A student that regains eligibility at the end of the first trimester may not participate in interscholastic athletics until 88 days of the school year have been completed.
3. Only one unit (or subject) of physical education per year may be counted.
4. A maximum of two units (or subjects) earned in an approved summer school may be counted. If a unit (or subject) is repeated in summer school, the higher numerical grade for that unit (or subject) may be used to compute the composite grade average.
5. An accredited correspondence course may be accepted by a school system but must be completed and grades posted to transcript before Sept. 1 and may be one of the maximum two summer units counted for eligibility purposes.
6. Units earned through Credit Recovery may also be among the maximum two summer units counted and must be completed before Sept. 1. If Credit Recovery is used to make up Carnegie units, those units can only be accepted if they are earned through a State Department of Education-approved program.
7. For eligibility purposes, special recitation, extra work, make-up work, tests, review, etc., may not be given for the purpose of making a student eligible.
8. To be eligible, all students (including repeaters and hold-backs) must be enrolled in a specified number of new units at the school they represent.
   a) 9th, 10th and 11th graders must be carrying at least six new units (three per semester on a 4x4 block schedule).
   b) 12th graders that are on track for graduation with more than the required number of units earned must be carrying at least four new units for the school year (two units per semester on a 4x4 block schedule).
   c) 7th and 8th graders must be carrying at least five new subjects.
9. The eligibility of a student that has attended another school during the preceding year must be established by a transcript from that school before the student is permitted to participate at the new school.

NCAA ELIGIBILITY

A student who is interested in participating in college athletics should see the athletic director or team coach regarding details of high school course requirements and NCAA eligibility early in the high school career. For further information, please visit the NCAA Eligibility Center at http://www.eligibilitycenter.org

PLANNING YOUR HIGH SCHOOL CAREER

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

THE COURSE SELECTION PROCESS

Students and parents should exercise extreme care in the selection of courses. The master schedule, staffing and textbook purchases for the next school year are built on the course requests of approximately 950 students. Every effort will be made to provide students with the courses for which they have requested. However, the availability of courses depends upon many factors including the number of students requesting a course, the number of sections of a course, and staff availability. Consequently, students must select alternate courses. Even then, there will be times when the course/alternate chosen may not work within a particular student's schedule. When students do not select alternates, counselors and administrators will select alternates for the student. In order to maximize chances of getting the courses requested, students should use the following guidelines:

- For advanced and honors level courses, consider carefully how prepared you may or may not be as well as how much time and effort you are willing to commit to the course.
- Check all criteria, prerequisites, and academic instructional levels.
- Select alternative elective courses in priority order.
- If you have any questions, speak with your school counselor.
- Submit Course Request by the deadline.

CURRICULUM
LANGUAGE ARTS DEPARTMENT
(Core Curriculum)

Core Curriculum classes are designed for students working at grade level. Study of language skills in writing, speaking, and listening is sequenced to provide preparation for the student in either vocational or college preparatory programs. The sequence of literature studied and the language reading and writing skills corresponds to the requirements and recommendations of The Alabama Course of Study and College and Career Readiness Standards.

ENGLISH, GRADE 9—Reading literature, reading informational text, writing, speaking and listening, and language. Concentrates on language skills including standard usage, function of the parts of speech, sentence structure, punctuation, capitalization, vocabulary, spelling, and dictionary skills. The course provides an intensive study of the sentence as a unit of thought in effective communication. Students study verbals, usage, coordination and subordination, parallel structure, and sentence variety and originality. Students participate in a variety of speaking activities and make oral presentations. Writing assignments emphasize sentence sophistication and paragraphing. Students will read major works of literature as well as selections from the textbook. Outside reading assignments may be required. Students are evaluated on the basis of class participation, homework, daily quizzes, book reports, unit tests, and semester exams. Grammar review and vocabulary building will focus on test preparation for ACT.
Grade: 9 **Credit:** 1.0
Prerequisite: *None*

Pre-AP English 1—This course focuses on the close reading, analytical writing, and language skills that have immediate relevance for students across their current courses and that are most essential for their future work in high school, college, and careers. Emphasis is on close reading of complex texts, with a stress on valuing evidence, and focus on attention to language. Students read closely and analyze a range of complex literary and informational texts; value textual evidence and incorporate it effectively in writing and speaking; and understand how writers and speaker use specific words and sentences to move the thoughts, emotions, and actions of readers and listeners. Grammar review and vocabulary building will focus on test preparation for ACT.
Grade: 9 **Credit**: 1.0
Prerequisite: *Successful completion of summer assignments; a minimum of two outside reading assignments; 85 average or higher in English 8*

ENGLISH, GRADE 10—Reading literature, reading informational text, writing, speaking and listening, and language. Coordinates the study of literature, oral communication, and grammar. Literature selections are from primarily colonial American literature to 1900 and World literature that impacted the advancement of American literature. All students will read several outside novels. Students will participate in discussion, writing assignments, language and vocabulary study and oral communication. Students are evaluated on the basis of class participation, homework, daily quizzes, unit tests, oral presentations, writing assignments and semester exams. Grammar review and vocabulary building will focus on test preparation for ACT.
Grade: 10 **Credit:** 1.0
Prerequisite: *English, Grade 9*

Pre-AP English 2—This course builds on the foundations of Pre-AP English 1. While English 1 introduces the fundamentals of close observation, critical analysis, and the appreciation of author's craft, English 2 requires students to apply those practices to a new array of nonfiction and literary texts. As readers, students become aware of how poets, playwrights, novelists, and writers of nonfiction manipulate language to serve their purposes. As writers, students compose more nuanced analytical essays while never losing sight of craft and cohesion. Grammar review and vocabulary building will focus on test preparation for ACT.
Grade: 10 **Credit:** 1.0
Prerequisite: *Successful completion of summer assignments; 85 average or higher in Pre-AP English 1 or permission of instructor*

ENGLISH, GRADE 11—Reading literature, reading informational text, writing, speaking and listening, and language. Emphasizes a survey of major American writers and literature from 1900 to contemporary pieces. Students will be asked to analyze literature and to recognize an author's work in its appropriate historical context. Major emphasis is also given to the development of composition skills. Work will include a grammar review stressing standard written usage, much practice in expository writing, and the multi-paragraph theme (or essay), as well as a research paper. Students will write frequently and will practice preparation for essay-type test questions. Students will participate in a variety of speaking activities, including oral presentations. Students are evaluated on the basis of homework, class participation, daily quizzes, composition, memorization assignments, unit tests, research paper, outside reading assignments, and semester exams. A research paper is required. Grammar review and vocabulary building will focus on test preparation for the ACT.
Grade: 11 **Credit**: 1.0
Prerequisite: *English, Grade 10*

AP ENGLISH, LANGUAGE AND COMPOSITION—College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for English; engages students in becoming skilled writers who compose for a variety of

purposes; guides students in becoming skilled readers of prose written in a variety of rhetorical contexts; extensive writing of compositions. The AP Language and Composition course is designed for advanced readers and writers who are eager to examine the use of language in depth. Course content differs from junior English both in the selection of readings and in the demands placed on the students. In addition to covering 20th century American literature, the course trains students to become skilled readers and writers in diverse genres and modes of composition. Students enrolled in AP Language must be willing to work at the college level; thus, students must be mature scholars, prepared to think critically. Students follow a comprehensive writing program that stresses literary analysis, argumentation, and timed writing. A research paper is also required. Students are evaluated on outside reading assignments, tests, essays, and oral presentations. This course leads to AP English Literature and Composition. Grammar review and vocabulary building will focus on test preparation for the ACT**.**

See AP Agreement.

Grade: 11 **Credit**: 1.0

Prerequisite: *Successful completion of summer assignments; 85 average or higher from Pre-AP English 2 or permission of instructor*

ENGLISH, GRADE 12—Reading literature, reading informational text, writing, speaking and listening, and language. Coordinates the study of English literature, composition, and grammar. The course includes a survey of English literature from Beowulf to contemporary British authors. Students will have the opportunity to review and refine composition techniques through grammar review coordinated with writing skills. A research paper is required. Students are evaluated on the basis of homework, daily quizzes, unit tests, research paper, reports, oral communication, outside reading assignments, composition assignments, and semester exams. **Grade:** 12 **Credit**: 1.0

Prerequisite: *English. Grade 11*

AP ENGLISH, LITERATURE AND COMPOSITION—College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for English; engages students in the careful reading and critical analysis of imaginative literature from several genres and periods from the sixteenth to the twenty-first century; extensive writing of compositions. In addition to English literature, the course includes world masterpieces of literary merit from various genres and time periods. Students must demonstrate the appropriate writing skills to function on an AP level. A research paper is required. Student evaluation is based upon outside reading assignments, tests, composition, and oral presentations. Grammar review and vocabulary building will focus on test preparation for the ACT.

See AP Agreement.

Grade: 12 **Credit**: 1.0

Prerequisite: *Successful completion of summer assignments; 85 average or higher from AP English Language and Composition or permission of instructor*

MATHEMATICS DEPARTMENT

(Core Curriculum)

Students, parents, and teachers must carefully consider the appropriate course selection for the students to achieve academic success. Mathematics **must** be taken in sequential order so it is imperative that students and parents develop a four-year plan.

GEOMETRY with DATA ANALYSIS—Geometry with Data Analysis is the first of three required courses in high school mathematics and is required for graduation. It builds on the students' prior experiences and knowledge in previous math courses. It builds on essential concepts necessary for students to meet their postsecondary goals (whether they pursue college, trade school, or the workforce). It is important because it develops mathematical knowledge and skills through visual representations prior to the more abstract development of Algebra. **Geometry with Data Analysis (or equivalent) is required for graduation.**
Grades: 9 **Credit**: 1.0
Prerequisite: *none*

ADVANCED GEOMETRY with DATA ANAYSIS—This is the first of three required courses in high school mathematics. In Advanced Geometry, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study.
Grade: 9 **Credit**: 1.0
Prerequisite: *85 average in 8th grade Accelerated Mathematics*

HONORS GEOMETRY with DATA ANAYSIS—This is an accelerated course that satisfies the geometry requirement for graduation. It includes an in-depth study of formal proof and extensive applications of topics in Geometry with Data Analysis course of study. This course prepares students for taking Honors Algebra II with Statistics.
Grade: 9 **Credit**: 1.0
Prerequisite: *85 average in 8th grade Accelerated Mathematics*

ALGEBRA I with PROBABILITY— Algebra 1 with Probability is the second of three courses which are required for graduation. It builds upon algebraic concepts from junior high. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in math courses that follow it. This is a required course for all students. This course provides experiences for students to see how mathematics can be used systematically to represent patterns and relationships among numbers and other objects, analyze change, and model everyday events and problems of life and society. **Algebra I (or equivalent) is required for graduation.**
Grades: 9 **Credit**: 1.0
Prerequisite: *Geometry with Data Analysis*

ADVANCED ALGEBRA I with PROBABILITY— Advanced Algebra 1 with Probability builds upon algebraic concepts from junior high. It is an accelerated option for students who perform well in mathematics. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in math courses that follow it. This is a required course for all students. This course provides experiences for students to see how mathematics can be used systematically to represent patterns and relationships among numbers and other objects, analyze change, and model everyday events and problems of life and society.
Grades: 9 **Credit**: 1.0
Prerequisite: *85 in Geometry with Data Analysis*

HONORS ALGEBRA I with PROBABILITY— Honors Algebra 1 with Probability is a new course which builds upon algebraic concepts from junior high. It is an accelerated and more rigorous option for students who excel in mathematics. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in math courses that follow it. This is a required course for all students. This course provides experiences for students to see how mathematics can be used systematically to represent patterns and relationships among numbers and other objects, analyze change, and model everyday events and problems of life and society.
Grade: 9 & 10 **Credit**: 1.0
Prerequisite: *85 average in Honors Geometry with Data Analysis*

ALGEBRA II with STATISTICS— Algebra II with Statistics builds on the students' experiences in previous mathematics coursework. It is a required course, and it is to be taken following the successful completion of Geometry with Data Analysis and Algebra 1 with Probability. It is the culmination of three years of required mathematics content and sets the stage for continued study of topics specific to the student's interests and plans beyond high school. A focus on mathematical modeling and real-world statistical problem-solving is included across the course. Algebra II with Statistics builds essential concepts necessary for students to meet their postsecondary goals (whether they pursue additional study or enter the workforce). **Algebra II (or equivalent) is required for graduation.**
Grades: 11 **Credit**: 1.0
Prerequisite: *Geometry with Data Analysis & Algebra I w/Probability*

ADVANCED ALGEBRA II with STATISTICS— Advanced Algebra II with Statistics builds on the students' experiences in previous mathematics coursework. It is an accelerated option for students who perform well in mathematics. It is a required course, and it is to be taken following the successful completion of Geometry with Data Analysis and either Algebra 1 with Probability or the accelerated junior high sequence. It is the culmination of three years of required mathematics content and sets the stage for continued study of topics specific to the student's interests and plans beyond high school. A focus on mathematical modeling and real-world statistical problem-solving is included across the course. Algebra II with Statistics builds essential concepts necessary for students to meet their postsecondary goals (whether they pursue additional study or enter the workforce).
Grades: 11 **Credit**: 1.0
Prerequisite: *85 in Advanced Geometry with Data Analysis & Advanced Algebra I w/Probability*

HONORS ALGEBRA II with STATISTICS— Honors Algebra II with Statistics is a new course which builds on the students' experiences in previous mathematics coursework. It is an accelerated and more rigorous option for students who perform well in mathematics. It is a required course, and it is to be taken following the successful completion of Geometry with Data Analysis and either Algebra 1 with Probability or the accelerated junior high sequence. It is the culmination of three years of required mathematics content and sets the stage for continued study of topics specific to the student's interests and plans beyond high school. A focus on mathematical modeling and real-world statistical problem-solving is included across the course. Algebra II with Statistics builds essential concepts necessary for students to meet their postsecondary goals (whether they pursue additional study or enter the workforce).
Grade: 10 & 11 **Credit**: 1.0
Prerequisite: *85 average in Honors Geometry with Data Analysis & Honors Alg I w/Probability*

PRECALCULUS— Precalculus is a course designed for students who have successfully completed the Advanced or Honors Algebra II with Trigonometry course. This course is considered to be a prerequisite for success in calculus and college mathematics. Algebraic, graphical, numerical, and verbal analyses are incorporated during investigations of the Precalculus content standards. Parametric equations, polar relations, vector operations, conic sections, and limits are introduced. Content for this course also includes an expanded study of polynomial and rational functions trigonometric functions and logarithmic and exponential functions. Application-based problem solving is an integral part of the course.
Grade: 11 or 12 **Credit**: 1.0
Prerequisite: *85 average in Advanced or Honors Algebra II with Trigonometry*

AP PRECALCULUS—This is a rigorous math course designed for college bound students who plan to take Calculus. This course is considered to be a prerequisite for success in calculus and college mathematics. Algebraic, graphical, numerical, and verbal analyses are incorporated during investigations of the Precalculus content standards. Parametric equations, polar relations, vector operations, conic sections, and limits are introduced. Content for this course also includes an expanded study of polynomial and rational functions, trigonometric functions, and logarithmic and exponential functions. Application-based problem solving is an integral part of the course.
Grade: 11 or 12 **Credit**: 1.0
Prerequisite: *85 average in Honors Algebra II with Trigonometry*

AP CALCULUS— Advanced placement math course; differential and integral calculus; analytic geometry topics; and functions.
Grade: 12 **Credit**: 1.0
Prerequisite: *Precalculus or AP Precalculus*

ALGEBRA with FINANCE— Algebra with Finance is a college and career preparatory course that integrates all areas of mathematics to solve financial problems that occur in everyday life. Real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting and planning for retirement are solved by applying the relevant mathematics that are taught at a higher level. 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.
Grade: 12 **Credit**: 1.0
Prerequisite: *Geometry with Data Analysis, Alg I w/Probability & Alg II w/statistics*

MATH COURSE SEQUENCING

Math course sequence options for students who begin high school during or after the 2023-2024 school year (Class of 2027).

	Standard Diploma	Advanced Diploma	Honors Diploma
9th	Geometry with Data Analysis	Advanced Geometry w/ Data Analysis	Honors Geometry w/ Data Analysis & Honors Algebra I w/ Probability
10th	Algebra I with Probability	Advanced Algebra I w/ Statistics	Honors Algebra II w/ Statistics
11th	Algebra II with Statistics	Advanced Algebra II w/ Statistics	Honors Precalculus
12th	Algebra with Finance	PreCalculus	AP Calculus

SCIENCE DEPARTMENT

(Core Curriculum)

BIOLOGY— NOTE: FULFILLS THE BIOLOGY GRADUATION REQUIREMENT; covers biology core content standards; scientific process and application skills; cell processes; cell theory; photosynthesis and cellular respiration; genetics; classification; plants, animals, ecology; biogeochemical cycles. Fulfills the biology graduation requirement;
Grade: 9 **Credit:** 1.0
Prerequisite: *None*

HONORS BIOLOGY—NOTE: FULFILLS THE BIOLOGY GRADUATION REQUIREMENT; covers advanced work in the Biology Core content standards; scientific process and application skills; cell processes; cell theory; photosynthesis and cellular respiration; genetics, classification; plants; animals; ecology; biogeochemical cycles.
Grade: 9 **Credit:** 1.0
Prerequisite: *85 average in eighth grade advanced physical science and successful completion of summer assignments*

AP BIOLOGY— College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for biology; scientific process and application skills; molecules; cells; heredity; evolution; organisms; populations. **See AP Agreement**
Grade: 11, 12 **Credit:** 1.0
Prerequisite: *85 average in Biology and Chemistry*

CHEMISTRY- NOTE: FULFILLS THE A PHYSICAL SCIENCE GRADUATION REQUIREMENT; covers Chemistry Core content standards; scientific process and application skills; matter classification; carbon chains; periodic table solutions; kinetic theory; stoichiometry; ideal gases; physical and chemical changes; chemical and nuclear reactions. A personal scientific calculator is needed to take this course. Chemistry requires that students come to the course with the ability to work independently, perform algebraic operations and solve word problems as well as complete laboratory work.
Grades: 10**,**11, 12 **Credit:** 1.0
Prerequisite: *80 average in Algebra I and Biology for sophomores; 80 average in Algebra II/Trig. or to be taking the course concurrently for juniors and seniors*

AP CHEMISTRY—NOTE: FULFILLS THE A PHYSICAL SCIENCE GRADUATION REQUIREMENT; college-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for chemistry; atomic theory and structure; chemical bonding; nuclear chemistry; gases; liquids and solids; solutions; reaction types; stoichiometry; equilibrium; kinetics; thermodynamics. **See AP Agreement**
Grade: 11, 12 **Credit**: 1.0
Prerequisite: *85 average in Honors Chemistry and Algebra II/Trig*

AP PHYSICS 1—NOTE: FULFILLS THE A PHYSICAL SCIENCE GRADUATION REQUIREMENT; college-level, algebra-based, introductory physics course following the curriculum established by the College Board Advanced Placement (AP) Program; provides a foundation for future course work in physics; explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; introductory, simple circuits; facilitates inquiry-based learning designed to develop scientific critical thinking and reasoning skills. **See AP Agreement**
Grade: 11, 12 **Credit**: 1.0
Prerequisite*: Precalculus or concurrent enrollment in precalculus*

PHYSICAL SCIENCE—NOTE: FULFILLS THE A PHYSICAL SCIENCE GRADUATION REQUIREMENT; is a core science course designed as an inquiry-based introduction to the basic concepts and skills of chemistry and physics. Students will be required to perform laboratory investigations, problem-solving activities, keep records, make reports, present oral and written projects, and participate in discussions regarding the results and conclusions of scientific investigations. When taken at the high-school level, Physical Science fulfills the physical science core for either diploma.
Grade: 10 **Credit:** 1.0
Prerequisite: *Biology*

FORENSIC SCI and CRIME SC INVEST— NOTE: DOES NOT FULFILL THE GRADUATION REQUIREMENT FOR BIOLOGY OR A PHYSICAL SCIENCE; teaches students to apply chemistry, physics, and biology to a suspect, a criminal act or behavior, or a victim. This course prepares students in two distinct concentrations. The Forensic Science portion focuses on working in a crime lab setting as a forensic scientist or technician. Crime Scene Investigations covers the application of the scientific method at a crime scene, including scene processing and the identification and collection of evidence.
Grade: 11, 12 **Credit:** 1.0
Prerequisite: *Biology and Physical Science*

ANATOMY—NOTE: DOES NOT FULFILL THE GRADUATION REQUIREMENT FOR BIOLOGY OR A PHYSICALSCIENCE; scientific process and application skills; anatomical terminology; structure and function of cells, tissues, and body systems; biochemistry; system regulation and integration.
Grade: 11, 12 **Credit:** 1.0
Prerequisite: *Biology and a Physical Science*

INTRODUCTION TO BIOTECHNOLOGY—NOTE: DOES NOT FULFILL THE GRADUATION REQUIREMENT FOR BIOLOGY OR A PHYSICAL SCIENCE; introduction to biotechnology, including career exploration, historical development and current applications in the areas of medicine, forensics, agriculture, and the environment. Students will learn laboratory safety and documentation while acquiring skills in the maintenance and calibration of basic lab equipment, calculation, and preparation of lab solutions and media.
Grade: 11, 12 **Credit:** 1.0
Prerequisite: *Biology and Physical Science*

SCIENCE COURSE SEQUENCING

Science course sequence options for students who begin high school during or after the 2023-2024 school year (Class of 2027).

	Standard Diploma	Advanced Diploma	Honors Diploma
9th	Biology	Biology	Honors Biology
10th	Physical Science	Human Anatomy & Physiology	Honors Chemistry
11th	Environmental Science	Chemistry	Choose One: AP Biology Human Anatomy & Physiology AP Chemistry
12th	Forensic Sci and Crime Sc Invest	Biotechnology	Choose One: AP Biology Human Anatomy & Physiology AP Chemistry AP Physics

***Chemistry or Physics is required for the Advanced Endorsement.*
***Honors courses are strongly recommended as pre-requisites before AP Biology and AP Chemistry.*
***Anatomy is strongly recommended as a pre-requisite for AP Biology.*
***Pre-Calculus is strongly recommended as a pre-requisite for AP Physics 1.*

SOCIAL STUDIES DEPARTMENT

(Core Curriculum)

WORLD HISTORY: 1500 TO PRESENT— Chronological history of the world: the emergence of a global age; the Age of Revolutions; the Age of Isms; era of global war; the world from 1500 to present. This course continues the study of world history from 1500 to the present. Critical thinking and analysis are important in this course. The course directs students to think critically about the forces that combine to shape the world today. It allows them to analyze development and changes in the European, Asian, African and American civilizations and ways in which the interactions of these cultures have influenced the formation of today's world. Geographic concepts increase learners' comprehension of global connections as they expand their knowledge and understanding of a wide variety of cultures, both historical and contemporary. Knowledge and understanding gained during the previous year's study provide the foundation for the critical analysis required in this course. This is a required social studies course for students in Alabama schools.
Grade: 9 **Credit**: 1.0
Prerequisite: *None*

HONORS WORLD HISTORY: 1500 TO PRESENT— Chronological history of the world: the emergence of a global age; the Age of Revolutions; the Age of Isms; era of global war; the world from 1500 to present. This course continues the study of world history from 1500 to the present. Critical thinking and analysis are important in this course. The course directs students to think critically about the forces that combine to shape the world today. It allows them to analyze development and changes in the European, Asian, African and American civilizations and ways in which the interactions of these cultures have influenced the formation of today's world. Geographic concepts increase learners' comprehension of global connections as they expand their knowledge and understanding of a wide variety of cultures, both historical and contemporary. This course fulfills the Alabama requirement for World History.
Grade: 9 **Credit**: 1.0
Prerequisite: *85 or higher average from previous social studies class and successful completion of summer assignments*

UNITED STATES HISTORY TO 1877— Chronological survey of major events and issues: colonization; American Revolution; development of political system and distinct culture; slavery; reform movements; sectionalism; Civil War; Reconstruction; concepts related to Alabama history and geography. The U.S. History to 1877 is a comprehensive two-year sequence beginning in the 10th grade with beginnings to 1877 and 1877 to present. Students will begin with the earliest discoveries on the North American continent and follow a chronological study of the major events, issues, movements, leaders and groups of people of the United States through the Reconstruction period from a national and Alabama perspective. This course will build upon the foundation of knowledge gained in the 5th and 6th grades as well as the 8th and 9th grades World History.

Grade: 10 **Credit**: 1.0
Prerequisite: *None*

AP UNITED STATES HISTORY PART I— Advanced Placement United States History Part I is a survey course in American history and is designed to provide students with a solid foundation for understanding and analyzing the history of the United States from colonization through Industrialization. This course is rigorous and is intended to prepare students for AP US History Part II and the AP Exams. This course requires students to develop skills in note-taking, organization, logic, analysis, synthesis, evaluation, critical thinking, reading and writing. Students will gain a broad range of historical knowledge about the United States from its beginnings up to 1900. They will effectively use the analytical skills of; evaluation, determining cause and effect, and comparing and contrasting. Students will learn to interpret and apply data from original documents, compare and contrast change over time, and be able to support or refute an argument or position. Students in this class are on track to take AP US History Part II. Therefore, students will be required to write short answers and long essays in a hand- written essay format that is similar to the AP Exams. A considerable amount of self-directed study will be required of students who expect to do well on the exams. **See AP Agreement.**
Grade: 10 or 11 **Credit:** 1.0
Prerequisite: *Successful completion of summer assignments*

UNITED STATES HISTORY FROM 1877 TO PRESENT—Chronological survey of major events and issues: industrialization; Progressivism; foreign policy; World War I; the Great Depression; World War II; post-war United States; contemporary United States, concepts related to Alabama history and geography. This course continues the study of United States History from the tenth grade and follows the current course standards. It studies the economic, geographic, social, and political development of the United States after the Reconstruction era. This course is built upon the previous knowledge foundation obtained in the tenth grade course. It will show how America grew into an international power after Reconstruction. This course is a critical analysis of the United State decision and actions on major domestic issues as well as international affairs.
Grade: 11 **Credit**: 1.0
Prerequisite: *None*

AP UNITED STATES HISTORY PART II— This course is a college level course following the curriculum established by the College Board Advance Placement (AP) Program for United States History Part II and of the Americas. It will develop an understanding of the political, social, diplomatic, economic and cultural/intellectual history of the U.S. It will also develop an understanding of the fundamental issues and themes of American history. Using critical thinking skills, primary source analysis and content area knowledge to form well-

articulated arguments in essay form will be a primary focus. Specialized instruction and independent assignments in this class will provide students with the necessary tools to do well on the Advanced Placement test. It should be noted, however, that a considerable amount of self-directed study will be required of anyone who expects to do well on the exams. It is a college level course designed to provide the student with analytical skills and factual knowledge necessary to successfully complete the AP Exam. Critical thinking skills and above average writing skills are a must. Successful completion of Advanced Placement United States History Part I is required. ***See*** **AP Agreement**

Grade: 11 **Credit**: 1.0

Prerequisite: *Successful Completion of Summer Assignments*

ECONOMICS—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 bank. The study of man's efforts to satisfy his unlimited wants through the use of his scarce and limited resources. This one-semester course, which is required of all seniors, includes the basic concept of how our economic system works as compared to other systems, what the unique qualities of the free enterprise system are, and how the individual operates within the system. The study emphasizes the cause and effect of economic actions, consumer planning and participation, consumer problems, and world activities. The course incorporates a study of comparative economics, economic theory, and consumer economics; therefore, a broad conceptual approach is mandated.

Grade: 12 **Credit:** 0.5

Prerequisite: *None*

UNITED STATES GOVERNMENT— Origins, functions, and branches of U. S. government; representative democracy; federalism; political/civic life; analysis of Constitution, Bill of Rights, and other relevant documents; foreign policy. A one-semester course required of all seniors and is paired with Economics. Government is a study of the origins, development, and principles of the United States political system. It includes comparisons of democracy and other political systems while emphasizing the basic civil rights inherent to the American political system. The course also includes a review of the foundations of American government from the point of view of the practical day-to-day workings of the government, political parties, and a detailed study of the legislative, executive, and judicial branches of government.

Grade: 12 **Credit:** 0.5

Prerequisite: *None*

FOREIGN LANGUAGE DEPARTMENT

SPANISH I— Listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of Spanish-speaking cultures. Students may be required to do individual projects. Oral presentations and written exercises are required.
Grades: 10, 11 **Credit**: 1.0
Prerequisite: *None*

SPANISH II— Listening and speaking skills including understanding and responding to directions, commands and questions. Further understanding of Spanish-speaking cultures through short texts. Basic English grammar skills are required, such as recognition of nouns, verbs, pronouns and sentence structure. Learning of a new language through the analysis of texts, film, grammar and vocabulary.
Grades: 11, 12 **Credit**: 1.0
Prerequisite: *Spanish I*

CAREER AND TECHNICAL EDUCATION CAREER PATHS
BUSINESS MANAGEMENT AND ADMINISTRATION CAREER PATHWAY PROGRAM

JHS School of Business
The Viking Varsity Shoppe and The Viking Production Studio

The JHS School of Business prepares learners for careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations. Career opportunities in this cluster are available in every sector of the economy and require specific skills in organization, time management, customer service, communication and the effective use of technology. This program is for students who are interested in pursuing careers in business management and administration, owning their own business, or working in fields that require business and technology knowledge including media publication and production. The program will be operated as a simulated workplace with the opening of the Viking Varsity Shoppe and the Viking Production Studio.

Credentials/ Career Readiness Indicators (CRI): Microsoft Office Specialist, Microsoft Office Word Expert, Microsoft Office Excel Expert, Adobe Certified Associate – Photoshop

Career Technical Student Organization: Future Business Leaders of America (FBLA) is a nonprofit international career and technical student organization for young men and women preparing for careers in business and business-related fields. Our mission is to bring business and education together in a positive working relationship through innovative leadership and career development programs.

CAREER PREPAREDNESS - REQUIRED COURSE- A half-credit course that prepares students with content knowledge and skills in the areas of career development and academic planning and computer skill application. Also, this course is designed to meet the required 20-hour online experience
Grade: 9, 10, 11, 12 **Credit:**.5
Prerequisite: *None*

BUSINESS SOFTWARE APPLICATIONS I - Business Software Application I is a one-credit foundation course designed to emphasize the skills required to create, edit, and publish industry-appropriate documents. Areas of instruction include the integration of word processing, desktop publishing, spreadsheets, database management, and presentation software as well as the use of emerging technologies. Competencies for the co-curricular student organizations, DECA and Future Business Leaders of America (FBLA-PBL), are also embedded in this course. Students will have the opportunity to gain industry-recognized credentials to document basic computer skills needed for future education or employment.
Grade: 9, 10, 11, 12 **Credit:**1.0
Prerequisite: *None*

BUSINESS SOFTWARE APPLICATIONS II - Business Software Applications II focuses on advanced word processing and spreadsheet and database management skills using current and emerging integrated technology. These skills include a variety of input technologies in the production of professional quality business documents and reports. Performance and production skills for the co-curricular student organizations, DECA and Future Business Leaders of America (FBLA-PBL), are embedded in this course. Students will also have the opportunity to gain industry-recognized credentials to document advanced computer skills needed for future education or employment plans.
Grade: 10, 11, 12 **Credit:**1.0
Prerequisite: *Business Software Applications I*

DATA ANALYTICS - This one-credit specialized course is designed to introduce statistics and the application of statistics to business decision-making. It covers the design and development of financial applications using the tools available in statistical analysis software to analyze data and convert into useful information. It focuses on utilizing software applications and appropriate methods to collect data and provide clients with useful information to reach valid conclusions resulting in sound business decisions.
Grade: 10, 11, 12 **Credit:**1.0
Prerequisite: *Business Software Applications I*

DIGITAL MEDIA DESIGN – This one-credit course provides a creative, hands-on environment in which students collaborate to produce a variety of digital media projects. Students use various hardware, peripherals, software, and web-based tools to learn skills involving graphic design, digital photography, web design, and digital video production. Additionally, the standards are designed for students to engage in critical thinking skills and practice appropriate behavior in the use of technology. Emphasis is placed on exploring and demonstrating business-related skills such as teamwork, interpersonal skills, and ethics while completing their projects.
Grade: 10, 11, 12 **Credit:**1.0
Prerequisite: *Business Software Applications I*

WORK-BASED LEARNING EXPERIENCE

Cooperative Education Seminar

COOPERATIVE EDUCATION SEMINAR/WORK-BASED EXPERIENCE- This is a work-based experience which integrates work-based apprenticeships and internships related to the student's career objective. Co-op students must have a minimum of 140 continuous hours of paid apprenticeship work OR 140 continuous hours of unpaid internship work for each Co-op credit. These apprenticeships or internships are performed under the supervision of a Workplace Mentor and the Work-Based Learning/Cooperative Education Coordinator. Student requirements for participation: minimum of 16 years old, valid Driver's License, regular transportation, parental permission, interview by Cooperative Education Coordinator.

Students must submit a completed application packet prior to the end of the registration period to be approved for the program.

Grade: 11, 12 **Credit:** 1.0

Prerequisite: *(1) Career and Technical Education Course AND Admission to the Cooperative Education Program*

COMPUTER SCIENCE

INTRO TO COMPUTER SCIENCE TEALS- This is a one-credit course that emphasizes computational thinking and collaboration while introducing computational fundamentals, concepts, and tools that are used in the computer science industry. Participants will work individually and in teams to create Android apps and computer programs that solve real-world application problems. This course focuses on block-based programming in the beginning and transitions to the text-based programming language Python by the end of the coursework.
Grade: 9-10 **Credit**: 1.0
Prerequisite: *None*

AP COMPUTER SCIENCE PRINCIPLES- CS Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world we live in. CS Principles covers many topics including the Internet, Big Data and Privacy, Programming using JavaScript and Scratch, App Development (including clicker games, etc.) and Cybersecurity (with investigations into encryption).
Grade: 10-12 **Credit**: 1.0
Prerequisite: *Algebra I, Algebra II, higher-order mathematical reasoning and problem-solving skills, computational understanding of functions and function notation, proficient written communication skills.*

AP CYBERSECURITY- This course offers a broad introduction to the field and aligns closely with a college-level, introductory cybersecurity course. Students learn about common threats and vulnerabilities and how they combine to create risk. Students study how individuals and organizations manage risk and how risk can be mitigated through a defense-in-depth strategy. Students explore specific vulnerabilities, attacks, mitigations, and detection measures across a variety of domains including physical spaces, computer networks, devices, and data and applications. Students will consider the impact of cybersecurity on individuals, organizations, societies, and governments. Content and skills taught in the course align with the professional skills outlined in the National Initiative for Cybersecurity Education Workforce Framework.
Grade: 10-12 **Credit**: 1.0
Prerequisite: *Intro to Computer Science - TEALS, AP Computer Science Principles*

ENGINEERING

APPLICATIONS OF ENGINEERING- Applications of Engineering offers students an investigative view of the engineering profession and the fundamental skills utilized in the field. Students continue investigating engineering disciplines and related career paths. Students will expand leadership and teamwork skills through creativity, collaboration, communication, and critical thinking. Additionally, students will increase their understanding of science, technology, engineering, and mathematics (STEM) principles used in problem-solving through the engineering design process.
Grade: 9-12 **Credit**: 1.0
Prerequisite: None

INTRO TO ENGINEERING DESIGN- This course exposes students to design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. IED gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APPB) learning. Used in combination with a teaming approach, APPB-learning challenges students to continually hone their interpersonal skills, creative abilities and understanding of the design process. In addition, students will use 3D solid modeling design software package (CAD - computer aided design) to help them design solutions to solve proposed problems. The course assumes no previous knowledge, but students should be concurrently enrolled in college preparatory mathematics and science.
Grade: 10-12 **Credit**: 1.0
Prerequisite: *Applications of Engineering*

PRINCIPLES OF ENGINEERING (POE)- Principles of Engineering introduces students to the basic concepts of various engineering areas: Civil, Mechanical, Electrical, Materials, etc. Through problems that engage and challenge, students explore these broad range of engineering topics. In Principles of Engineering (POE), students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Students will develop their skills as they construct hydrogen fuel cell cars, build automated systems like elevators and robotic systems, design bridges, investigate materials and their applications and through many more exciting hands on experiences
Grade: 10-12 **Credit**: 1.0
Prerequisite: *Intro to Engineering Design*

HOSPITALITY AND TOURISM CLUSTER
Restaurant and Food and Beverage Services Career Pathway Program
JHS School of Culinary Arts and The Viking Rock Café

The JHS School of Culinary Arts programs will focus on the hospitality and tourism areas associated with food and restaurant management. The classes are a first step on the path to a professional career in the culinary field. They will expose students to necessary skills needed in the food service industry and will provide a foundation of skills that can be applied to a diverse range of careers in the hospitality and tourism industry, including dining, baking, event planning, and restaurant management. The program will be operated as a simulated workplace with the opening of The Viking Rock Café.

Credentials/ Career Readiness Indicators (CRI): ServSafe Manager

Career Technical Student Organization: Family, Career and Community Leaders of America (**FCCLA**) is an affiliated club with all the hospitality and tourism courses. FCCLA is an integral part of the curriculum and provides opportunities to apply instructional competencies and workplace readiness skills, enhances leadership development skills, provides opportunities for community service, and broadens opportunities for personal and professional growth.

HOSPITALITY & TOURISM— (Culinary Arts Foundation Course)
This one-credit course serves as the prerequisite for the Culinary Arts and all pathways included in the Hospitality and Tourism cluster. Major topics include introduction to restaurant and food and beverage services, safety and sanitation, hospitality and tourism, recreation, travel and tourism, lodging, customer relations and quality services. This course will provide an overview of the entire industry, as well as hands-on experience in food service and dining. This class will provide students with fundamental skills in food preparation coupled with relevant work-based experiences. This curriculum enriches, enhances, and reinforces what students learn in the classroom while providing students with opportunities to develop and practice skills critical to their future success.
Grade: 9, 10, 11, 12 **Credit:**1.0
Prerequisite: *None*

CULINARY ARTS I - This course introduces students to basic food production, management, and service activities in both the backand front-of-the-house. This course involves both theory and actual hands on lab and work experience. Emphasis is placed on sanitation, safety, and basic food preparation. Skills in mathematics, science, and communication are reinforced in this course. School-based laboratory experiences will be performed in a laboratory commercial kitchen with a food- serving and dining room. School-based laboratory experiences are essential for students to develop skills in the hospitality and tourism industry. Student culinary skills will be further enhanced as they participate in the Simulated Workplace Model through the Viking Rock Café.
Grade: 10, 11, 12 **Credit:** 1.0
Prerequisite: *Hospitality and Tourism (Culinary Arts Foundation Course)*

CULINARY ARTS II - Culinary Arts II provides advanced experiences in food production, management, and service. Topics include food service operations, advanced food production, and professionalism. Skills in mathematics, communication, creative thinking, and entrepreneurship are reinforced in the course. The required school-based laboratory will be performed in a laboratory commercial kitchen with a food-serving and dining area. School-based laboratory experiences are essential for students to develop skills in the hospitality and tourism industry. Advanced student culinary skills will be further enhanced as they participate in the Simulated Workplace Model through the management and operation of the Viking Rock Café.
Grade: 10, 11, 12 **Credit:** 1.0
Prerequisite: Hospitality and Tourism (Culinary Arts Foundation Course) and Culinary Arts I

EVENT PLANNING - In this course, students will learn to organize and plan all aspects of business and social events including the food, location, and décor associated with hiring an event planner. Concepts taught in the course to meet the needs of clients include planning for the event with activities, establishing a budget, determining the theme, planning the guest list, determining the location, developing an event plan schedule, planning transportation needs, training of staff, staging the event, calculating room and space requirements, providing necessary technology and equipment, planning food and beverage services, securing entertainment, understanding legal issues in the event planning, and conducting post-evaluations of events. Students demonstrate leadership characteristics and make decisions based on integrating knowledge of financial, human resources, promotion, and event management principals. Students are prepared for various career opportunities in event planning.
Grade: 9, 10, 11, 12 **Credit:**1.0
Prerequisite: None

SENIOR CAREER PROJECT PATHWAY- Senior Career Pathway Project (SCPP) is a capstone course designed for career and technical education students who have completed two or more career and technical education courses. This course allows students to utilize their secondary coursework through an experience that showcases their learning. It provides an opportunity for a student to

choose an area of interest and engage in an in-dept exploration of the area while demonstrating problem-solving, decision-making, and independent-learning skills.
Grade: 12 **Credit:** 1.0
Prerequisite: *This course is for students who desired a career in Culinary Arts. Students must complete all courses (Hospitality &Tourism/Culinary arts I/ II/ Event Planning) with a 90 (3.0 or better) and approval from Chef Marulynn Lockett.*

CTE/LAB- Students in this course is a continuation in depths of culinary arts through labs, food innovations, practice, and management. Students work closely with Chef/Instructor as the Sous Chef.
Grade: 11-12 **Credit:** 1.0
Prerequisite: *This course is for students who desired a career in Culinary Arts. Students must complete all courses (Hospitality &Tourism/Culinary arts I/ II/ Event Planning) with a 90 (3.0 or better) and approval from Chef Marulynn Lockett.*

HEALTH SCIENCE CAREER PATHWAY PROGRAM

JHS School of Health Science and The Viking Medical Center

The JHS School of Health Science is designed to allow students to explore careers, terminology, basic skills, and technologies associated with medical and health science professions. This program provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others. The instructional content incorporates project- and problem-based healthcare practices and procedures to demonstrate knowledge and skills fundamental to a variety of healthcare careers. Students are expected to apply the knowledge and skills necessary to pursue a health science career through further education and employment. The program will be operated as a Simulated Workplace with the Viking Medical Center.

Credentials/ Career Readiness Indicators (CRI): Certified Patient Care Technician, Certified Nursing Assistant, Certified Pharmacy Technician, CPR Instructor

Career Technical Student Organization: Future Health Professionals (HOSA) is a student led organization which is 100% focused and acts as a pipeline to provide seamless transition opportunities for members to move from education to career.

FOUNDATIONS OF HEALTH SCIENCE - This foundation course introduces students to the diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems that function individually and collaboratively to provide comprehensive health care. Students will identify the employment opportunities, technology, and safety requirements of each system. Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities. Students are expected to employ their ethical and legal responsibilities and limitations and understand the implications of their actions. This course is the prerequisite for all the health-related fields at the post- secondary level, and fulfills the graduation requirement for Health. The classroom will adhere to the Simulated Workplace Model through the opening of the Viking Medical Center.
Grade: 9, 10, 11, 12 **Credit:** 1.0
Prerequisite: *None*

MEDICAL TERMINOLOGY - Medical Terminology is a one-credit course that is designed for students to develop health care-specific knowledge for a career in the medical field. This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.
Grade: 10, 11, 12 **Credit:** 1.0
Prerequisite: *Foundations of Health Science*

THERAPEUTIC SERVICES – Therapeutic Services is a one-credit course that introduces students to occupations and functions in the therapeutic services pathways. Careers in this area include nursing, medicine, physical therapy, surgical technology, respiratory therapy, emergency medical technician, and more.
Grade: 9, 10, 11, 12 **Credit:** 1.0
Prerequisite: *Foundations of Health Science*

PATIENT CARE TECHNICIAN – This is a one credit course that provides students the opportunity to become effective and efficient multi-skilled healthcare providers. Students will develop a working knowledge of advanced patient care skills, vital signs, 12-lead EKG, oxygen therapy, basic phlebotomy via simulation, and specimen collection and processing. Essential workforce skills and safety will be emphasized, as well as, professional ethics and legal responsibilities. Students will ascertain employability skills and soft skills required by business and industry. Upon successful completion of required theory, lab, and simulation, students may be eligible to sit for Patient Care Technician Certification. Career and technical student organizations are integral, co-curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.
Grade: 11, 12 **Credit:** 1.0
Prerequisite: *Foundations of Health Science, Medical Terminology, Therapeutic Services*

HEALTH SCIENCE INTERNSHIP - Health Science Internship provides students with the knowledge and skills necessary for becoming a health care worker or for preparing students for postsecondary health care education programs. Theory and laboratory components comprise a minimum of 10 percent of the course. Health Science Internship is designed to be completed in a hospital, extended care facility, rehabilitation center, medical office, imagery laboratory or other health care facility. Students must complete a detailed application and meet all requirements to be eligible for Health Science Internship.
Grade: 12 **Credit:** 1.0
Prerequisite: *Foundations of Health, Medical Terminology, Therapeutic Services, & Patient Care*

PRECISION MACHINING CAREER PATHWAY PROGRAM

Accredited by the National Institute for Metalworking Skills (NIMS)

JHS School of Precision Machining and Viking Precision Made Products

The JHS School of Precision Machining provides the knowledge and skills to equip students for careers in precision machining. Theory and concepts are taught in proportion to the need for strong application opportunities with emphasis on timely learning experiences that facilitate the transition to skills attainment. Student precision machinists will set up and operate a variety of machine tools to produce precision parts and instruments. The curriculum includes necessary skills for students to fabricate, modify, or repair mechanical instruments. The program will be operated as a simulated workplace with the opening of Viking Precision Made Products.

Credentials/ Career Readiness Indicators (CRI): NIMS Measurement, Materials & Safety, NIMS Job Planning, Benchwork & Layout, NIMS Manual Milling Skills, NIMS Turning Operations Between Centers

INTRO TO PRECISION MACHINING - This course provides an introduction to machining processes and job opportunities for students who are pursuing careers in Industrial Maintenance & Precision Machining.
Grade: 10, 11 **Credit:** 1.0
Prerequisite: *None*

INTRO TO LATHE - This course provides an introduction to the manufacturing process that uses basic lathe operations.
Grade: 10, 11 **Credit:** 1.0
Prerequisite: *Intro to Precision Machining*

MILLING AND SURFACE GRINDER I - This course provides an introduction to manufacturing processes including milling techniques, drill press techniques, and grinding techniques.
Grade: 11, 12 **Credit:** 1.0
Prerequisite: *Intro to Lathe*

INTERMEDIATE LATHE & BENCH WORK – This course provides an introduction to machining technologies and job opportunities for students who are pursuing careers in manufacturing.
Grade: 11, 12 **Credit:** 1.0
Prerequisite: *Intro to Milling, Drill Press, and Surface Grinder*

MILLING & SURFACE GRINDER II - Course provides an introduction to manufacturing processes including instruction in advanced milling and grinding operations.
Grade: 12 **Credit:** 1.0
Prerequisite: *Intermediate Lathe*

COMPUTER NUMERICAL CONTROL - Course introduces students to manufacturing processes and job opportunities in manufacturing with emphasis on National Skills Standards of the National Tool and Dies Association, Machining Association, and NIMS.
Grade: 12 **Credit:** 1.0
Prerequisite: *Intermediate Mill & Surface Grinder*

ARMY JUNIOR RESERVE OFFICERS' TRAINING CORPS

Army JROTC

The mission of JROTC is to *"Motivate young people to be better citizens."* JROTC is a progressive development program that teaches citizenship and provides high school students the opportunity to learn and practice leadership. The curriculum is designed to help the high school cadets to develop the following core capabilities: Build capacity for life- long learning, communication skills, personal responsibility, citizenship, teamwork, leadership, fitness, and critical reasoning & decision-making. To gain maximum benefit, cadets are encouraged to enroll their freshman year and remain in the program through their senior year.

Credentials/ Career Readiness Indicators (CRI): Army JROTC Certificate

JROTC I (ARMY JROTC LEADERSHIP EDUCATION AND TRAINING (LET I)— A one-credit course designed for first-year cadets. The class is both classroom and laboratory instruction about the history, customs, traditions and purpose of Army JROTC. Emphasis is placed on basic leadership principles, values, teamwork, and personal responsibility.
Grade: 9, 10, 11, 12 **Credit**: 1.0
Prerequisite: *None*

JROTC ADV (ARMY JROTC LEADERSHIP EDUCATION AND TRAINING (LET II))— A one-credit course designed to build on LET 1 first year JROTC classes. The course provides cadets intermediate instruction on leadership theories, methods and practical application in the classroom and during labs and JROTC unit activities outside the classroom. Emphasis is placed on communication techniques, citizenship, fitness and map reading / orienteering skills.
Grade: 10, 11, 12 **Credit: 1.0**
Prerequisite: *1st year, JROTC Leadership Education & Training (LET 1)*

ARMY JROTC LEADERSHIP EDUCATION AND TRAINING (LET III)- A one-credit course designed to provide advanced instruction in leadership, communication, and problem- solving. Students will have hands-on experiences as leaders in the unit and assist in the integration, training and team building of (LET 1 and LET 2) less experienced cadets. Emphasis is placed on negotiation skills, communication, fitness and management principles.
Grade: 11, 12 **Credit**: 1.0
Prerequisite: *1st & 2nd Years, JROTC Leadership Education & Training LET 1 and LET 2*

ARMY JROTC LEADERSHIP EDUCATION AND TRAINING (LET IV)—A one-credit course provides leadership opportunities for students to develop as leaders in assigned command, staff and project leadership positions. Students are assigned leadership positions within the JROTC unit organization and fulfill responsibilities for planning according to their position, assigned projects and specialty teams that they choose to join. Emphasis is placed on improving communication techniques, planning and executing training, decision making and life skills after high school.
Grade: 12 **Credit**: 1.0
Prerequisite: *1st/2nd/3rd Years, JROTC Leadership Education & Training (LET 1, 2, 3)*

ARMY JROTC 1B—This course is designed to develop an understanding of leadership traits and principles, citizenship, oral communication, physical fitness, health/wellness including drug prevention and CPR, motivational techniques such as "Unlocking Your Potential" and an awareness of military history.
Grade: 9, 10, 11, 12 **Credit**: 1.0
Prerequisite: *1st year, JROTC Leadership Education & Training (LET 1)*

ARMY JROTC 2B—This course is designed to develop proficiency in health/wellness and CPR techniques, and an appreciation for self-awareness techniques ("Winning Colors"), modern technologies, career opportunities, and role of the U.S. Army, military history, and physical fitness.
Grade: 10, 11, 12 **Credit**: 1.0
Prerequisite: *1st & 2nd Years, JROTC Leadership Education & Training LET 1 and LET 2*

ARMY JROTC 3B—This course develops an understanding of the justice system (military and civilian), the role of the U.S. Armed forces, safety (hunting and boating), orienteering, physical fitness, new technologies, military history, and motivational learning techniques such as "Power Learning."
Grade: 11, 12 **Credit**: 1.0
Prerequisite: *1st/2nd/3rd Years, JROTC Leadership Education & Training (LET 1, 2, 3)*

ARMY JROTC 4B—This course develops proficiency in command and staff procedures, physical fitness, military parades and ceremonies, citizenship science and new technologies and communications. Students must demonstrate ability to speak to large audiences, perform staff briefings and prepare staff reports, write resumes and cover letters, and complete job applications. They must also apply problem solving/decision making skills in leadership and supervisory positions of authority.
Grade: 12 **Credit**: 1.0

Prerequisite*: 1st/2nd/3rd/4th Years, JROTC Leadership Education & Training (LET 1, 2, 3,4)*

CAREER AND TECHNICAL EDUCATION CAREER PATHS
HEMEN DRUMMOND CENTER OF INNOVATION (HDCI)

ALL PROGRAMS AT HDCI ARE YEAR LONG PROGRAMS. STUDENTS MUST SELECT ONE COURSE WHICH WILL BE TAUGHT FIRST SEMESTER AND ONE COURSE WHICH WILL BE TAUGHT SECOND SEMESTER. SEE THE COURSE SELECTION SHEET FOR COURSES ACCORDING TO GRADE LEVEL. THERE MAY BE LAB FEES ASSOCIATED WITH THESE COURSES ACCORDING TO THE HDCI COURSE FEE SCHEDULE.

AUTOMOTIVE TECHNOLOGY – Courses available in this program include Automotive Service Technology and Maintenance & Light Repair. Students participating in this program have the opportunity to earn a certification in Automotive Service Excellence.

COLLISION REPAIR – Courses within this program include Painting & Refinishing and Collision Repair Welding. Students participating in this program have the opportunity to earn a certification in Automotive Service Excellence.

COSMETOLOGY – Courses available in this program are Chemical Services and Salon Practices & Management. Students who participate in this program have the opportunity to earn certifications in Natural Hair Styling and in Barbicide. Students who earn a B or better in any cosmetology course are accumulating hours toward their State Board Cosmetology Licensure.

PRE-ENGINEERING/INDUSTRIAL DESIGN – Courses within this program include Advanced Drafting Design and Intermediate Architectural Design. Students participating in this program have the opportunity to earn a Workforce Ready Certification in Technical Drafting and in Architectural Drafting.

***ELECTRICAL TECHNOLOGY –** Courses within this program include NCCER Electrical Technologies 1, 2, & 3. Students participating in this program have the opportunity to earn a Level I Electrical NCCER Certification.

VISUAL ARTS/BROADCAST & MEDIA – Courses within this program include Digital File Preparation and Intro to Advertising Design. Students participating in this program have the opportunity to earn a Workforce Ready Certification in Graphic Communications.

***WELDING TECHNOLOGY –** Courses in this program include NCCER Welding 1, 2, 3, & 4. Students participating in this program have the opportunity to earn an NCCER Certification and an American Welding Society Certification.

***HVAC** – Courses introduce skills and knowledge required in the heating, ventilation, air conditioning, and refrigeration industry, including mathematical skills and the use of specialized tools.

JAG – Jobs for Alabama Graduates is a statewide program designed to help students overcome academic, economic, or personal challenges and successfully graduate from high school and transition into college, job training, or the workforce. It offers career readiness training, mentorship, leadership development, and job placement assistance, through hands-on projects, employer connections, and ongoing support after graduation.

***DIESEL TECHNOLOGY** – Courses in this program focuses on content related to entry-level training for diesel electrical, brakes and cab, drive train, suspension and steering, engines, heating, ventilation, and air conditioning, and hydraulic systems. The course competencies include the tasks that are required to satisfy ASE Education IMMR level training. Content Standards are written to meet Automotive Service Excellence (ASE) Education Foundation requirements, which also specify task lists, program hours, and safety standards.

COMMERCIAL CONSTRUCTION – These courses are designed to equip students with fundamental knowledge and skills in the commercial construction industry. Students learn basic theory and practice hands-on application of skills. Topics of focus within this program will be on masonry and plumbing.

EDUCATORS IN TRAINING – This is a new program to HDCI that is for Educators in Training. It presents a broad overview of the work of education professionals, the history of education, the roles and responsibilities of educators, strategies for creating and presenting engaging lessons and activities, methods of measuring student progress, and the domains of development. This program is a gateway to specialized courses and internship opportunities in the Education and Training cluster.

***Opportunity to earn a short-term certificate through dual enrollment.**

FINE ARTS DEPARTMENT

VISUAL ART

All courses offered in the Art Department qualify as a fine art credit.

VISUAL ARTS LEVEL I- Create; produce; elements and principles of design; two-and three- dimensional techniques and media; art history; art vocabulary; aesthetics; criticism; solution of art problems to communicate ideas; safety issues with handling and storage of materials. This course is a study of the basic fundamentals of art and is a prerequisite for advanced art courses. It provides students with an overview introduction to media and to various techniques in the areas of drawing, painting, sculpture, ceramics, printmaking, crafts, art history, and critique. Visual Arts I is offered to all students.
Grades: 9, 10, 11, 12 **Credit:** 1.0
Prerequisite: *None*

VISUAL ARTS LEVEL II - Create; visual relationships; problem solve using a variety of media and techniques; elements and principles of design; aesthetics; criticism; art history; art vocabulary; evaluation of artwork; interdisciplinary connections. Visual Arts II is a review of various art media, techniques, skills, and art appreciation. Emphasis is on observational drawing skills and the creative process. Students will learn to think conceptually while increasing their skills in the following areas: composition, drawing, painting, and printmaking.
Grade: 10, 11, 12 Credit: 1.0
Prerequisite: *Visual Arts Level I*

VISUAL ARTS LEVEL III – Create; problem solve; utilize variety of media and techniques; communicate concepts, emotions, intentions; elements and principles of design; technology; independent research; self- directed sketchbook; critical analysis; aesthetics; art history; interdisciplinary connections. Visual Arts III gives students the opportunity to work in areas of special interest in regard to media and theme.
Grade: 11, 12 **Credit:** 1.0
Prerequisite: *Visual Arts Levels I and II*

VISUAL ARTS LEVEL IV – Create; problem solve; utilize variety of media and techniques; communicate concepts, emotions, intentions; elements and principles of design; technology; independent research; self- directed sketchbook; critical analysis; aesthetics; art history; interdisciplinary connections. Visual Arts IV gives students the opportunity to work in areas of special interest in regard to media and theme.
Grade: 11, 12 **Credit:** 1.0
Prerequisite: *Visual Arts Levels I, II and III*

BAND

All courses offered in the Band Department qualify as a fine art credit.

MARCHING BAND— Course is designed to extend students' technical skills and to provide students with a deeper understanding and appreciation of the study of music. Course content includes continued reinforcement of all basic fundamentals learned at earlier levels with intensified emphasis on technical skills and musical expression through concert band experience containing the full spectrum of available literature. Students will develop a thorough command of their instruments in terms of tone quality, intonation, technique, balance, musical interpretation, stage deportment, and overall musical effect. This class is required for all members of the marching band. The marching band performs at football games, local parades, and marching competitions. Marching Band may also count as a PE credit**.**
Grade: 9, 10, 11, 12 **Credit:** 1.0
Prerequisite: *Approval of band director*

CONCERT BAND— Course is designed to extend students' technical skills and to provide students with a deeper understanding and appreciation of the study of music. Course content includes continued reinforcement of all basic fundamentals learned at earlier levels with intensified emphasis on technical skills and musical expression through concert band experience containing the full spectrum of available literature. Students will develop a thorough command of their instruments in terms of tone quality, intonation, technique, balance, musical interpretation, stage deportment, and overall musical effect. This class is required for all members of the marching band.

Grade: 9, 10, 11, 12 **Credit:** 1.0
Prerequisite: *Audition and approval of band director*

PERCUSSION – This class is designed for members of the JHS band percussion only. It allows this auxiliary group a chance for structured daily rehearsal. *This course will count as either a Fine Arts or P.E. credit.*
Grade: 9, 10, 11, 12 **Credit:** 1.0
Prerequisite: *Audition and approval of band director*

COLORGUARD- This class is designed for members of the JHS band color guard only. It allows this auxiliary group a chance for structured daily rehearsal. *This course will count as either a Fine Arts or P.E. credit.*
Grade: 9, 10, 11, 12 **Credit:** 1.0
Prerequisite: *Audition and approval of band director*

DANCE TEAM- This class is designed for members of the JHS band dance team only. It allows this auxiliary group a chance for structured daily rehearsal. *This course will count as either a Fine Arts or P.E. credit.*
Grade: 9, 10, 11, 12 **Credit:** 1.0
Prerequisite: *Audition and approval of band director*

CHORUS

All courses offered in the Choral Department qualify as a fine art.

MIXED CHORUS– This choir is for students interested in learning to sing. Students will learn basic vocal technique, the basics of reading music, and the basics of choral singing. There is not an audition and there are no after school rehearsals. This choir will perform a concert at the end of the semester and at some community events.
Grades: 9, 10, 11, 12 Credit: 1.0
Prerequisite: *None*

THEATRE

All courses offered in the Choral Department qualify as a fine art.

THEATRE S1– This course is designed to help the student gain an appreciation for the theatrical arts. It provides an introduction to the fundamentals of acting and play production. The student will have the opportunity to develop self-confidence, creativity, and self-expression skills through pantomime, improvisation, monologues, duo or group scenes, and one-act plays.
Grades: 9, 10, 11, 12 Credit: 1.0
Prerequisite: *Audition*

MUSICAL THEATRE S2– This course is designed to help the student gain an appreciation for the theatrical arts. It provides an introduction to the fundamentals of acting and play production. The student will have the opportunity to develop self-confidence, creativity, and self-expression skills through pantomime, improvisation, monologues, duo or group scenes, and one-act plays.
Grades: 9, 10, 11, 12 Credit: 1.0
Prerequisite: *Audition*

PHYSICAL EDUCATION & ATHLETICS DEPARTMENTS

Beginning Kinesiology—NOTE: FULFILLS THE GRADUATION REQUIREMENT FOR LIFE PHYSICAL EDUCATION.
Individualized fitness plan for lifetime fitness.
Grade: 9, 10, 11, 12 **Credit**: 1.0
Prerequisite: *None*

ADVANCED KINESIOLOGY—Advanced Kinesiology is an elective course that will cover the knowledge base of kinesiology, the importance of physical activity in daily life, and the different career paths associated with a degree in kinesiology. This class is for students who wish to pursue a career as a physical education teacher, athletic trainer, physical therapist, personal trainer, movement-related research specialist, or other careers related to health, fitness, and sports.
Grade: 9, 10, 11, 12 **Credit**: 1.0
Prerequisite: *Must have met LIFE PE requirement*

ATHLETICS
NOTE: FULFILLS THE GRADUATION REQUIREMENT FOR LIFE PHYSICAL EDUCATION
Athletics Boys Baseball

Athletics Boys Basketball

Athletics Boys Football

Athletics Boys Wrestling

Athletics Cheer

Athletics Girls Basketball

Athletics Girls Softball

Athletics Girls Volleyball

Athletic Golf Male & Female

Athletic Tennis Male & Female

Athletic Track & Field Male & Female

Athletic Soccer Female

Grade: 9, 10, 11, 12 **Credit**: 1.0
Prerequisite: *Tryouts*

ATHLETIC TRAINER

Fall Spring

Course provides students with an overview of athletic training and sports medicine. Students are introduced to the athletic trainer's scope of practice: injury prevention, treatment, rehabilitation, emergency injury management and administrative functions. Job shadowing is a component of this course and requires students to participate at numerous athletic venues on a weekly basis.
Grade: 9, 10, 11,12 **Credit:** 1.0
Prerequisite: *Application, interview, and acceptance into program by Todd Law*

HEALTH—
Develops skill for accessing personal health information. Health Education (or Foundations of Health Science) is a required course for graduation. **It is recommended that Health be taken in the ninth grade.**
Grade: 9 **Credit:** 0.5
Prerequisite: *None*

ADDITIONAL ELECTIVES

None of these elective courses meet the requirement of three credits consisting of career tech, fine arts or foreign language courses. Students should fulfill that requirement before selecting these electives.

DRIVER AND TRAFFIC SAFETY EDUCATION—
Safe driving theory; in class study; driving hazards; boating safety; behind the wheel experience; safety practices and a practical application of traffic laws.
Grade: 10, 11, 12 **Credit:** 0.5
Prerequisite: *Students must have an Alabama Learner's Permit prior to taking course.*

JOURNALISM - This is a one credit elective course requiring students to conduct newspaper study; newspaper production; news information gathering; proofreading; and journalistic writing.
Grade: 9, 10, 11, 12 **Credit**: 1.0
Prerequisite: *None*

SOCIOLOGY - This is a ½ credit elective course (nine weeks) that focuses on culture and society; social inequalities; social institutions; and social change.
Grade: 9, 10, 11, 12 **Credit**: 0.5
Prerequisite: *None*

PSYCHOLOGY - This is a ½ credit elective course (nine weeks) that focuses on the history of psychological inquiry; methods of scientific research; human development; sensation and perception; motivation and emotion; states of consciousness; social psychology, cognition; intelligence and assessment; personality theories; stress; mental disorders and treatments.
Grade: 9, 10, 11, 12 **Credit**: 0.5
Prerequisite: *None*

YEARBOOK- This course is designed to teach students basic yearbook layout and design. Focus will be placed on theme develop and yearbook layout. Students will be responsible for fundraising, working as a team, and completing layouts
Grade: 10, 11, 12 **Credit**: 1.0
Prerequisite: *Permission of sponsor*

OFFICE AIDE- Students will be required to perform office duties such as sorting mail, copying, and delivering information to classrooms. A general service-oriented attitude toward faculty and students who need assistance in the office areas is essential.
Grade: 10, 11, 12 **Credit**: 1.0
Prerequisite: *3.0 GPA; No Class 2 or 3 Disciplinary Offenses; No more than 9 excessive absences in current school year; Signature of administrato*r

GUIDANCE AIDE- Students will be required to perform office duties such as sorting mail, copying, and delivering information to classrooms. A general service-oriented attitude toward faculty and students who need assistance in the office areas is essential.
Grade: 10, 11, 12 **Credit**: 1.0
Prerequisite*: 3.0 GPA; No Class 2 or 3 Disciplinary Offenses; No more than 9 excessive absences in current school year; Signature of counselor*

LIBRARY AIDE- Students will learn how materials in libraries are typically arranged, how to efficiently use common reference sources, and how to operate a variety of technological devices. Students will be expected to apply what they learn to their own assignments, to an authentic working environment, and to assist other students and faculty members in the use of resources available in the Media Center.
Grade: 10, 11, 12 **Credit**: 1.0
Prerequisite*: 2.5 GPA; No Class 2 or 3 Disciplinary Offenses; No more than 9 excessive absences in current school year; Signature of librarian*

ACCESS

ACCESS is an education initiative of the Alabama Department of Education which provides opportunities for students to engage in additional Advanced Placement (AP) courses and/or courses not currently offered at JHS. Courses are taught by certified teachers through an online course module where assignments, online texts and messages are posted. Students access the online courses in a computer lab during the assigned block in their school day schedule. Each computer lab is monitored by an ACCESS facilitator daily to assist students. Students considering ACCESS courses need to have a good work ethic and should also be comfortable using a computer and working on the Internet. To view current course offerings, visit the ACCESS website at http://accessdl.state.al.us. Please note that requesting an ACCESS elective does not guarantee the course as an option for the next school year.

COURSE FEE LISTING

Science Course Fees	
AP Physics	$25.00
Chemistry	$20.00
AP Chemistry	$25.00
PreAP Biology	$25.00
AP Biology	$25.00
Anatomy	$20.00
Environmental Science	$10.00
Earth & Space	$10.00
Art Course Fees	
Visual Art (All levels)	$10.00
Choir Fees	
Men's Choir	$25.00
Women's Choir	$25.00
Concert Choir	$25.00
Pheonix	TBD
JHS School of Business	
Business Technology Application	$30.00
Advanced Business Technology Application	$30.00
Entrepreneurship	$30.00
Management Principles	$30.00
Multimedia Publications (Creative Media Design 1)	$30.00
Multimedia Design (Creative Media Design 2)	$30.00
JHS School of Culinary Arts	
Hospitality and Tourism	$25.00
Culinary Arts I	$50.00
Culinary Arts II	$50.00
Event Planning	$30.00
JHS School of Health Sciences	

Walker County Center of Technology	
Automotive Technology	$35.00
Collision Repair	$45.00
Cosmetology	$55.00
Pre-Engineering/Drafting Design	$60.00
Electrical Technology	$45.00
Graphic Design	$45.00
Welding Technology	$45.00

Foundations of Health Sciences	$35.00			
Therapeutic Services	$35.00			
Health Science Internship	$40.00			
Medical Terminology	$25.00			
JHS School of Precision Machining				
Intro to Precision Machining	$45.00			
Intro to Lathe	$45.00			
Intro to Milling, Drill Press, and Surface Grinder	$45.00			
Intermediate Lathe	$45.00			
Intermediate Mill and Surface Grinder	$45.00			
Intro to Computer Numerical Control	$45.00			
Work-Based Learning (Cooperative Education)				
Cooperative Education Seminar/Work Based Experienc	e	$50.00		

Advanced Placement Agreement 2026-2027

Last Name: _____ First: _____ M: ___

Student Cell #: _____ Student E-Mail: _____

Classification for 2026-2027 11th Grade: _____ 12th Grade: _____

Statement of Accountability:
I understand that Advanced Placement (AP) classes are the most rigorous courses offered at the high school level. I also understand that college-level work will be assigned and expected of me. I am electing to take the challenge of an AP class and will work to meet the challenge. I am committed to completing the AP courses during the 2026-2027 school years for which I have registered.

I am registering for the following AP courses in 2026-2027:

1.		4.
2.		5.
3.		6.

By signing this agreement, I understand and agree to the following conditions and expectations involved in taking AP classes at Jasper High School:

- ❑ I will remain enrolled in the class for the duration of the course.
- ❑ I understand the summer commitments of the class, and am prepared to turn in completed summer work assignments upon the teacher's request.
- ❑ I will give every assignment my best effort and will respect and adhere to due dates.
- ❑ I understand that I am responsible for a course fee (if required) as well as the cost of taking the AP exam(s).

I affirm that I have read, understand, and agree to the stipulations of this agreement.

_____ _____
Student Signature Date

_____ _____
Parent/Guardian Signature Date

*This agreement should be completed and turned in ASAP to the AP teacher.

MIDYEAR COMPLETION OF HIGH SCHOOL

Students have the option of completing high school in December of their senior year. All regular graduation requirements must be met by December of the senior year including 28 credits and all required coursework. An interview with the principal to discuss plans after graduation is required. You are also asked to write a letter to Dr. Ann Jackson, Superintendent of Jasper City Schools, requesting to graduate midyear and explaining your reasons for this request. Attach the letter to this form.

To qualify, students must have a minimum of 24 credits that meet the required coursework as well as attain a "College or Career Readiness Indicator" **by the end of the student's junior year**. Students participating in early completion are allowed to participate in their graduation ceremonies, Senior Awards Day and may attend prom under conditions listed in the JHS Student Handbook. No student who completes in December will be allowed to participate in any other extracurricular activity or sport after December.

It is advised that students who are planning to attend college and are interested in applying for scholarships contact the colleges' admissions departments in order to determine how this decision may affect admissions and scholarship application dates and qualifications.

Students Name_____

What is your goal in seeking early completion of high school? _____
_____

Please circle which of the following College & Career Readiness Indicators that you have already met.

COLLEGE AND CAREER READINESS INDICATORS

Alabama defines a student as college and career ready if the student earns **at least one** or a combination of the following six indicators:

- Benchmark score on any section of the ACT test
  - English-18
  - Math-22
  - Reading-22
  - Science-23
- Qualifying score on an AP exam
  - 3, 4, or 5
- Approved transcripted college or postsecondary credit while in high school ➢ Benchmark level on the ACT WorkKeys.
  - Silver or above
- Accepted for enlistment into the military
- Approved industry credential (This occurs through career tech classes.)

If selecting an ACT score as your indicator, please print a copy of that ACT Score Report from your online account and attach to this form.

If selecting enlistment into the military, please attach proof of enlistment.

By signing this form, you are requesting early graduation and that you understand the requirements, believe that you have met those indicated, agree to uphold the guidelines and will seek guidance with the college regarding college and scholarship implications.

Student's Signature_____

I give permission for early graduation for my child and understand all requirements, guidelines and possible implications for college and scholarship admission and scholarships.

Parent's Signature_____ Principal's Approval_____

JHS - COURSE REQUEST

Last Name:_____ **First Name:**_____ **Date:**_____

Grade Level: ☐ 9th ☐ 10th ☐ 11th ☐ 12th

Alabama High School Diploma	**Alabama High School Diploma** *Advanced Endorsement*	**Alabama High School Diploma** *Honors Endorsement*
YOU MUST COMPLETE ALL REQUIREMENTS FOR EITHER THE DIPLOMA OR THE ADVANCED ENDORSEMENT. IF YOU ARE SEEKING THE HONORS ENDORSEMENT, YOU MUST ALSO MEET THE REQUIREMENTS LISTED TO THE RIGHT. →		-Must include 10 Hon/AP/Dual Enrollment courses -Four of the 10 must be AP/DE credits

English:		**English:**		**English:**	
English 9		English 9		Pre-AP English I 9	
English 10		English 10		Pre-AP English II 10	
English 11		English 11		AP English Lang. & Comp. 11	
English 12		English 12		AP English Lit & Comp. 12	
Social Studies:		**Social Studies:**		**Social Studies:**	
World History 9		World History 9		Honors World History 9	
US History to 1877 10		US History to 1877 10		AP US History I 10	
US History 1877 to Present 11		US History 1877 to Present 11		AP US History II 11	
Government / Economics 12		Government & Economics 12		Government & Economics 12	
Science:		**Science:**		**Science:**	
Biology 9		Biology 9		Honors Biology 9	
Physical Science 10		Chemistry 10 or 11 ~ Prerequisite: Algebra I ~		Honors Chemistry 10 (Prerequisite: Adv. Or Hon. Alg. I)	
Forensic Science 11 or 12		Anatomy 10, 11 or 12		AP Biology 11 or 12	
Environmental Science 11 or 12		Intro to Biotech 11 or 12		AP Chemistry 11 or 12	
				AP Physics 12	
Math:		**Math:**		**Math:**	
Geometry 9		Adv. Geometry 9		Honors Geometry 9	
Algebra I w/ Prob. 10		Adv. Algebra 1 10		Honors Algebra I w/ Prob. 9	
Algebra II w/ Stats. 11		Adv. Algebra II w/ Stats. 11		Honors Algebra II w/ Stats. 10	
Algebra w/ Finance 12		Adv. PreCalculus 12 ~Prerequisite: Adv. or Honors Alg. II~		AP PreCalculus 11 ~Prerequisite: Honors Alg. II~	
				AP Calculus 12	
Other Required Courses:		**Other Required Courses:**		**Other Required Courses:**	
Career Preparedness A & B		Career Preparedness A & B		Career Preparedness A & B	
Beginning Kinesiology		Beginning Kinesiology		Beginning Kinesiology	
---(May substitute Athletic PE, Marching Band, Show Choir, JROTC, etc. for PE)---					
Health (.5) OR Found. of Health (1)		Health (.5) OR Found. of Health (1)		Health (.5) OR Found. of Health (1)	
3 - Career Tech, Foreign Lang, and/or Fine Arts		**3 - Career Tech, Foreign Lang, and/or Fine Arts**		**3 - Career Tech, Foreign Lang, and/or Fine Arts**	
1.		1.Spanish I (required)		1. Spanish I (required)	
2.		2.Spanish II (required)		2. Spanish II (required)	
3.		3.		3.	

List any failed courses:	**List any alternative course not listed:**	**If it is necessary to drop a course Which would you prefer?**

Student Signature: _____ **Date:** _____

Parent Signature: _____ **Date:** _____

Electives: (auditions required)				Athletics: (tryouts required)				Other Electives:			
Marching Band		Show Choir		Football		Volleyball		Visual Arts		Driver's Ed (.5)	
Concert Band		Concert Choir		Basketball		Softball		Journaling		Yearbook	
Percussion		Theatre		Athletic Trainer		Baseball		Psychology/Sociology		*must be approved	
Colorguard		Musical Theatre		Wrestling		Cheerleading		Spanish I (11th-12th)		Spanish 2 (11th-12th)	
Dance Team				Golf		Tennis		Adv. Kinesiology		NO STUDENT AIDE	

Career and Technical Education: Jasper High School (Courses must be taken in listed sequence.)

JROTC:		Computer Science (STEM):		Engineering (STEM):	
9th LET I & JROTC 1b		Intro to Computer Science TEALS		Applications of Engineering & Tech.	
10th LET II & JROTC 2b		AP Computer Science Principles		Intro. to Engineering Design PLTW	
11th LET III & JROTC 3b		AP Cybersecurity		Principles of Engineering PLTW	
12th LET IV & JROTC 4b				**Health Science:**	
Business Management:				Foundations of Health Science	
Business Software Applications 1		**Hospitality & Tourism:**		Therapeutic Services	
Business Software Applications 2		Foundations of Hospitality & Tourism		Patient Care Technician	
Data Analytics		Culinary Arts I		Medical Terminology	
Digital Media Publications		Culinary Arts II		Health Science Internship (12th only)	
Co-Op Work Based Learning (11th-12th)		Hospitality & Tourism Internship		CTE Lab in Health Science (by approval)	

Career and Technical Education: WCCT & Incubator (JHS) ~Students must apply, be accepted, and take courses in sequence~

Precision Machining:		Welding Technology:		Automotive Technology:	
Intro. to Precision Machining		Welding SMAW 1		Automotive Technology Foundations	
Introduction to Lathe		Safety & Health Regulations		Automotive Brake, Suspension, Steering Repair	
Milling & Surface Grinder I		Welding SMAW 2		Automotive Electrical Components I	
Intermediate Lathe & Bench Work		Industrial Metal Fabrication at ACT		Automotive Engine Repair & Performance I	
Milling & Surface Grinder II		Welding GMAW & FCAW		Automotive Electrical Components II	
Computer Numerical Control (CNC) I		Project Management		Automotive Engine Repair & Performance II	
Pre-Engineering/Industrial Design:		**Electrical Technology:**		**Collision Repair:**	
Architectural Design Fundamentals		Electrical Fundamentals		Nonstructural Analysis & Damage Repair	
Technical Design Communications I		Electrical Technology		Nonstructural Welding, Cutting & Joining	
Architectural Build. Info. Modeling (BIM) I		Motor Controls		Painting & Refinishing I	
Architectural Build. Info. Modeling (BIM) II		Project Management		Structural Analysis & Damage Repair	
Technical Design Communications II		Electronics & Control Systems		Painting & Refinishing II	
Architectural Structural Design		Introduction to Robotics		Damage Analysis, Estimating, & Cust. Service	
Visual Arts/Broadcast & Media:		**HVAC:**		**Diesel:**	
Advertising & Graphic Design I		A&C Foundations (NCCER Core-HVAC)		Diesel Technology A	
Advertising & Graphic Design II		HVAC Fundamentals		Diesel Technology B	
Advertising & Graphic Design III		HVAC Installation & Operations		Diesel Technology C	
Digital File Preparation & Output for Printing		Project Management		Diesel Technology D	
Media Production Foundations		HVACR & Mechanical Systems at ACT		CTE Lab in TDL	
Broadcasting Production I		HVAC Refrigeration Systems		Career Pathway Project in TDL	
Cosmetology:		**Commercial Construction:**		**Educators in Training:**	
Cosmetology Fundamentals		A & C Foundations (NCCER Core – Const.)		Foundations in Education	
Chemical Services		Carpentry: Commercial Framing & Layout		Education and Training Internship	
Hair Coloring		Industrial Site Layout, Formwork, & Concrete		Methods in Education	
Nail Technology I		Commercial Foundations Layout		Careers in Education	
Spa Techniques I		Commercial Construction at ACT		CTE Lab in Education & Training	
Nail Technology II		Plumbing & Pipefitting		Career Pathway Project in Education & Training	
Notes:		**Dual Enrollment (Core):**		**Dual Enrollment (Electives):**	
		ENG 101 – English 11 or 12		PSY 200 – General Psychology	
		ENG 102 – English 11 or 12		SOC 200 – Introduction to Sociology	
		HIS 201 – US History 10		SPH 107 – Fundamentals of Public Speaking	
		HIS 202 – US History 11		ART 100 – Art Appreciation	
		MTH 112 - PreCalculus		MUS 101 – Music Appreciation	
		BIO 103 – Introduction to Biology		PSY 210 – Human Growth & Development	