

Moody High School



2019-2020 Curriculum Guide and Course Descriptions

School Mission Statement

The mission of Moody High School,
in partnership with parents and other community members,
is to provide all students a quality education in a
safe, supportive, and disciplined environment that will guide them
as they become responsible citizens in a culturally diverse society.

Principal: Chris Walters
Assistant Principal: Ganae Gaines
Counselor: Maria Vincent
Counselor: April West
School Secretary: Paige Gann

Moody High School
714 High School Drive
Moody, Alabama 35004
205-640-5127
Fax 205-640-2300

mhs.sccboe.org

OVERVIEW

It is very important that students and their parents give careful consideration to the courses that are selected each school year. The diploma endorsement (if any) toward which the student is working should be considered, as well as the student's past academic record. Each spring, students are advised about courses and given the opportunity to work with a counselor to develop their individual course selections for the following school year.

The number of sections offered for a given course in the school year is determined by the course selections requested by the students during the spring pre-registration period. Once the master schedule is developed, changes in course selections may not be possible. A sufficient number of students must select an elective course for it to be offered. A student who selects a course that is not offered will be scheduled into one of his/her alternate courses.

Counselors are available to answer questions about any of the courses that are listed in this document. Students and/or their parents are invited to make an appointment with the appropriate grade level counselor or request additional information by calling the MHS Guidance Department at 640-5127.

CURRICULUM

All students are required to complete four credits in each of the four core academic areas (English, math, science, and social studies) along with credits in Career Preparedness, LIFE P.E., and health. At least three credits must be earned in the areas of Arts Education, Career Technical Education, and/or Foreign Language. The remaining credits required for graduation are electives comprised of courses chosen by the individual student.

ALABAMA HIGH SCHOOL DIPLOMA REQUIREMENTS

Students who began 9th grade during 2013-14 or after will follow the most recently published criteria for the Alabama High School Diploma. All students must successfully complete the state and local requirements for an Alabama High School Diploma in order to participate in graduation ceremonies ("march"). At this time there are no "high stakes" tests required to earn an Alabama High School Diploma.

St. Clair County Schools have established two optional endorsements which students may earn along with the Alabama High School Diploma (AHSD):

The *Advanced Academic Endorsement* requires students to meet all requirements for the AHSD plus at least one math course above and beyond Algebra II with Trigonometry, two credits of the same foreign language, and three credits of AP and/or Dual Enrollment courses (any combination of three credits).

The *Career Technical Endorsement* requires students to meet all requirements for the AHSD plus complete three Career Technical Education credits in a sequenced cluster OR complete two Career Technical Education credits in a pathway plus one other related course and one Career Technical Education Credential.

Students may choose to pursue either, both, or neither endorsement. The endorsement selection will be updated annually at the time of course selection.

At the time of publication of this guide, no alternate exit documents for students with disabilities, as defined by the *Individual with Disabilities Education Act* (Public Law 105-17), have been established or approved by the St. Clair County Board of Education. If any such exceptions are established and approved, the counselor and/or IEP case manager will notify the students and parents as soon as possible.

EXCEPTIONAL EDUCATION SERVICES

To meet the varying needs of our students, special programs are available to students identified (as defined by the *Individuals with Disabilities Education Act* or IDEA) and placed in the exceptional education program. Some of the programs available are for students identified as:

Specific Learning Disability
Emotionally Disturbed

Vision, Hearing, or Speech Impaired
Orthopedically or Other Health Impaired

Additional information is available for parents and students in need of any of these services. Placement in these programs requires special testing and recommendation by a placement committee. A parent desiring to discuss the possibility of placement should contact their child's guidance counselor for further information.

The decision regarding choosing a program of study leading to a high school diploma (or other exit document as allowed) should be made by the student's IEP team during the student's 8th grade year. Program and diploma options are to be reviewed annually by the IEP team and revisions made when necessary. When there is indecision regarding which diploma option would be most appropriate for a student, the IEP team is strongly encouraged to select the highest document available and appropriate for the student.

NCAA INFORMATION FOR PROSPECTIVE COLLEGE STUDENT-ATHLETES

All prospective student-athletes intending to enroll in an NCAA Division I or II institution must register with the NCAA Eligibility Center at the end of their junior year. Please visit www.ncaaeligibilitycenter.net for detailed information and instructions. All courses approved by the NCAA as core courses are designated with the following symbol.



COURSE SCHEDULING PROCESS

The school master schedule for the next school year is built on the course requests of approximately 750 students. Every effort will be made to provide students with the courses for which they have been recommended or 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, some students may have to select alternate elective courses because of scheduling conflicts or because of the cancellation of courses due to insufficient enrollment. To maximize their chances of getting the courses they want, students should use the following the guidelines:

- Before selecting courses for next year, check all criteria, prerequisites, and academic instructional levels.
- List alternative elective courses in the priority order they are to be substituted for course choices that cannot be scheduled.
- Write notes on the course request form or attach a letter to it to clarify course needs, priorities, or special concerns.
- Return the course request form to designated teacher by the announced deadline.

Step 1: General information and instructions regarding the course scheduling process are provided to all students during large group sessions with counselors. An evening session is held for parents to learn about the process and changes each year. During these meetings, counselors discuss the courses offered and provide students/parents with course selection forms and instructions. The Curriculum Guide and Course Descriptions lists all the courses available to students.

Step 2: Students make selections and return their Course Selection Sheets to their teacher by Monday, April 8, 2019. **Parents approve students' choices** by signing the Course Selection Sheet. Any student not returning a signed selection sheet by April 8, 2019 forfeits the right to choose his or her classes. **Those students not meeting the deadline for turning in their Course Selection Sheets will not receive priority status in the scheduling process.**

Step 3: Each student will meet with a counselor at a pre-designated time to check course selections and to be sure that the necessary courses are being requested. Counselors are:

Current 8th and 10th Grades – April West

Current 9th and 11th Grades – Maria Vincent

NOTE: All course change requests must be submitted by May 3, 2019. NO COURSE CHANGES WILL BE MADE AFTER May 3, 2019. This includes during the summer, at registration, and after the school year has started. Because of this, careful consideration should be used in the selection of courses.

REGISTRATION PROCESS

Registration will take place during summer. Students will pick up schedules for the 2019-2020 school year at registration. At this time, students also will return the necessary registration information, **pay AP Exam fees, pay Dual Enrollment tuition**, and purchase parking permits, yearbooks, etc. Please remember that the student's schedule reflects the choices made by the student and approved by the parent during the course selection process in the spring. The master schedule will have been constructed and teachers will have been assigned based on these choices. **Therefore, requests to change schedules will not be honored. Remember the master schedule cannot be adjusted at this point, and due to class numbers, changes will simply not be possible.**

DUAL ENROLLMENT COURSES

The Dual Enrollment Agreement between St. Clair County Schools and Jefferson State Community College allows high school students to enroll in college courses and receive both high school and college credit for the same course. Such arrangements allow students to meet the requirements for high school graduation while simultaneously earning college credit.

It is strongly recommended by JSCC that students have a minimum cumulative grade point average of 3.0 to take Dual Enrollment courses. Students with at least a 2.5 cumulative GPA may be considered upon the recommendation of the counselor and the principal. All students who will be in 12th grade must submit an ACT score with their Dual Enrollment application or they will be required to go to JSCC to take a placement test prior to beginning of their first class. Students must also meet any other requirements for specific courses in order to participate in this program. (See specific course listings for requirements.)

Students should consult their prospective colleges and universities to determine if the credit is accepted by that college or university. **Students are required to pay college tuition and purchase textbooks for Dual Enrollment classes.** At the time of this writing, JSCC tuition was \$150 per credit hour or \$450 per enrolled 3-hour course. Tuition of \$450 is due at MHS for the first semester before the school year begins. Tuition of \$450 for the second semester is due at MHS on the first school day in January. Textbook purchase and/or rental information will be available from JSCC.

ADVANCED PLACEMENT (AP) COURSES

AP courses are approved by the College Board and are designed to provide college level studies for high school students using college level materials and strategies. Amount and depth of material requires students to read and write extensively in and out of class. Rigor of material requires students to develop advanced reasoning and problem-solving skills. Support systems are offered to assist students. Student enrolled in AP courses are **required** to take the associated AP exam. Students who are not enrolled in an AP course, but have expertise and have engaged in additional learning may elect to take an AP exam by registering through his/her counselor. Students should consult their prospective universities to determine individual course exam qualifying score.

Students must pay the \$94 exam fee (current at the time of this writing) for each AP course in which the student is enrolled. Students who qualify for the free/reduced lunch program may be eligible for a reduced AP exam fee of \$53. Please remember that students are **required** to take the Advanced Placement exam for each AP course in which the student is enrolled.

COURSE DESCRIPTIONS BY DEPARTMENT

Please note: Class availability is determined by enrollment, teacher availability, and student eligibility.

ENGLISH

Moody High School Summer 2019 Reading Selections

All English classes will require summer reading. All standard English classes grades 9-12 will be taking a 30-45 question multiple choice test on August 10th. These tests will have questions which target the main ideas, themes, and characters of the novel. Summer reading lists can be found on the school's website, every English teacher's website, the library's website, and in the school office beginning in May. *NOTE: All new students who register in the summer or at the start of school will be tested on their summer reading book on September 14, 2018.*

All students with an Individualized Education Plan (IEP), will be provided an alternate book based on his/her documented reading level. The students will be tested with an assessment through the System 44 or Read 180 programs.

Be aware that some books may confront controversial issues, explore adult situations, and contain strong language. As you read you may want to take notes, outline chapters, and do whatever works best for you to ensure you retain the material.

General English Reading Requirements:

All students taking general English courses in the fall should choose one book from the appropriate grade level list.

9th Grade General English

And Then there Were None-Agatha Christie
Fahrenheit 451-Ray Bradbury

10th Grade General English

The Selection-Kiera Cass
Monster-Walter Dean Myers

11th Grade General English

Book of Choice (on appropriate Lexile)

12th Grade General English

Book of Choice (on appropriate Lexile)

**All standard classes will take a general assessment that will be approximately 10% (or Less) of their 1st 9 weeks average.*

PreAP and Advanced Placement Reading Requirements:

PreAP English 9

Read one book from 9th Grade General English list **and also** read *Lord of the Flies*-William Golding
Also complete the assignment listed on MHS website.

PreAP English 10

Read one book from **each** category below.

Realism and Nonfiction: *Of Mice and Men*-John Steinbeck **or** *Night*-Elie Wiesel

Imaginative Fiction: *Watership Down*-Richard Adams **or** *The Book Thief*-Markus Zusak

Also complete the assignment listed on the MHS website.

Advanced Placement English Language 11

Summer assignment is due the first day you are scheduled to be present in class. After that, a standard reading assessment will be given August 10, 2018.

Read one book from the following list **and** complete assignment listed on the MHS website.

Seabiscuit: An American Legend-Laura Hillenbrand

Endurance-Alfred Lansing

A Tree Grows in Brooklyn-Betty Smith

The Glass Castle-Jeanette Walls

This Boy's Life-Tobias Wolff

Advanced Placement English Literature 12

Students will read two novels over the summer and complete the accompanying assignment for each novel. The summer reading assignment is due on the first day of school, with a 10 pt. penalty for each day work is submitted late, up to four days. Reading check tests will be administered the first week of return to school.

All students must read *Wuthering Heights* by Emily Bronte.

Students must select and read one of the following novels:

The Road by Cormac McCarthy

Snow Falling on Cedars by David Guterson (contains mature language and themes)

The Kite Runner by Khaled Hosseini (contains mature themes)

A Tale of Two Cities by Charles Dickens

The accompanying assignment can be found on the MHS website.

English 9 (20005)



Year-long / 1 credit
Grade 9

This course leads to a mastery of basic grammatical principles, paragraph development, and an in-depth study of selected literature. Students will also have the opportunity to develop reading skills through the study of short stories, novels, poetry, and drama. Summer reading required.

PreAP English 9 (20007)



Year-long / 1 credit
Grade 9

Recommended prerequisite: B average in 8th grade English

Students who take PreAP English 9 are expected to take PreAP/AP English in 10th, 11th and 12th grades. This course is designed for students who have above average abilities in grammar, composition, and reading. This course is more rigorous than English 9. The content of the course includes faster coverage of grammar skills and more advanced composition techniques. Students will be asked to read works in addition to the regular curriculum. Analysis, synthesis, critical thinking, and application will be stressed. Summer reading and assignment required.

English 10 (20009)



Year-long / 1 credit
Grade 10

In this course, students will review mechanics, grammar, and usage skills; enhance vocabulary skills; and practice the various modes of writing paragraphs and essays, with emphasis on the writing process. Students will continue to develop comprehension and critical reading skills through the study of selected short stories, novels, poetry, and drama. Summer reading required.

PreAP English 10 (20011)



Year-long / 1 credit
Grade 10

Recommended prerequisite: B average in 9th grade English.

Students who take PreAP English 10 are expected to take AP English in 11th and 12th grades. This course is more rigorous than English 10. It focuses on developing the skills necessary to comprehend, analyze, and communicate, both orally and in writing, the themes that emerge through a survey of world literature as reflected in various genres such as the novel, short story, drama, poetry, and nonfiction essay and biography. The course requires extensive outside reading alongside the anthology study, as well as writing assignments correlated to the literary works. Vocabulary and grammar studies naturally arise from the reading and writing assignments. Summer reading and assignment required.

English 11 (200013)



Year-long / 1 credit
Grade 11

This course provides the student with various aspects of communication involving grammar and standard practices in speaking and writing (paragraphs, themes, and research papers). Students are exposed to the best of the American writers, poets, and playwrights. Summer reading required.

AP English 11 – Language & Composition (200016)



Year-long / 1 credit
Grade 11

AP Exam fee (\$94) required. Recommended prerequisite: B average in 10th grade English.

This course will train students to become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts. This course will also give them the practice and helpful criticism necessary to make them flexible writers who can compose in a variety of modes and for a variety of purposes. The course content is established by the College Board; students are expected to take the Advanced Placement exam administered by the College Board in May. College credit may be earned based on a student's score on this exam; score requirements for credit are determined by individual colleges/universities. Students and parents should be prepared for the rigor of the Advanced Placement curriculum; an extensive amount of outside reading and writing is required for this course. Students **must** pay the \$94 fee for the AP exam and take the Advanced Placement exam at the completion of this course. Summer reading and assignment required.

English 12 (200017)



Year-long / 1 credit
Grade 12

In this course, students review basic areas of English: reading, writing, and vocabulary. In addition, they are given the opportunity to progress toward the more elaborate means of oral and written communication and toward a better understanding of carefully selected plays, novels, and poetry. Summer reading required.



Dual Enrollment English 101 & 102 (903201 & 903202)

Year-long / 2 credits
Grade 11 or 12

Fee: Tuition to Jeff State CC of approx. \$450 per class/per semester

Prerequisites: B average in previous English courses is recommended; cumulative GPA of 3.0 strongly suggested and minimum of 2.5 required with permission of counselor and principal; and minimum score of 20 on the English subtest of the ACT or satisfactory score on JSCC placement test. Continued enrollment in ENG102 requires a final grade of C or higher in ENG101.

Students registering for this course may earn high school credit for English 11 and/or English 12 and complete a total of six semester hours of college credit in English Composition I and English Composition II through a dual enrollment agreement with Jefferson State Community College. The curricula for these courses are interlaced in order to meet all of the requirements for each course component. A literature component will be added by the instructor to complete the high school requirements. **Dual Enrollment English is designed for the student with above average abilities in English.** The course content encompasses an accelerated study of grammar and usage as well as composition, vocabulary, spelling, speaking, and reading skills. *Students are required to pay the college tuition for these courses at summer registration and in January.*

English Composition I (ENG101) provides instruction and practice in the writing of at least six extended compositions and the development of analytical and critical reading skills and basic reference and documentation skills in the composition process. English Composition I includes instruction and practice in library usage and computer usage. *Successful completion of this course will earn the student the high school course credit for English 11.*

English Composition II (ENG102) provides instruction and practice in the writing of six formal essays, at least one of which is a research project using outside sources and/or references effectively and legally. Additionally, English Composition II provides instruction in the development of analytical and critical reading skills in the composition process. English Composition II may include instruction and practice in library usage and computer research. *Successful completion of this course will earn the student the high school course credit for English 12.*

Since the ALSDE has implemented the one-to-one course credit rule for Dual Enrollment courses, we have developed the following scheduling options for Moody High School:

Option 1 (Recommended for most):	<u>11th Grade</u> English 11 (AP or general)	<u>12th Grade</u> ENG101* & ENG102
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*ENG101 would be for elective credit and will not replace English 11 credit/grade earned previously.

Option 2 (Not recommended): ENG101 & ENG102 elective course of student's choice

AP English 12 –Literature & Composition (200020)



Year-long / 1 credit
Grade 12

AP Exam fee (\$94) required. Recommended prerequisite: B average in 11th grade English

This course is designed to provide the student who has the desire and ability the opportunity to complete college level work while still in high school. Emphasis is placed on extensive and intensive reading and writing. The course content is established by the College Board; students are expected to take the Advanced Placement exam administered by the College Board in May. College credit may be earned based on a student's score on this exam; score requirements for credit are determined by individual colleges/universities. Students and parents should be prepared for the rigor of the Advanced Placement curriculum; an extensive amount of outside reading and writing is required for this course. Students **must** pay the \$94 fee for the AP exam and take the Advanced Placement exam at the completion of this course. Summer reading and assignment required.

MATHEMATICS

Algebra I (210005)



Year-long / 1 credit

Algebra I is a formal in-depth study of algebraic concepts and the real number system. This course is important in the development of mathematical empowerment. Algebra I is a graduation requirement for all students.

Geometry (210010)



Year-long / 1 credit

Prerequisite: Algebra I

Geometry is the study of two- and three-dimensional figures, coordinate geometry, transformations, and properties and theorems related to lines, circles, and triangles. Spatial sense and inductive reasoning and deductive reasoning are developed. Geometry enhances the development of visual and spatial sense and reasoning skills. Technology is also incorporated into instruction as a means of improving reasoning abilities. Geometry is a graduation requirement for all students.

PreAP Geometry (210012)



Year-long / 1 credit

Prerequisite: Algebra I

PreAP Geometry is the study of two- and three-dimensional figures, coordinate geometry, transformations, and properties and theorems related to lines, circles, and triangles. Spatial sense and inductive reasoning and deductive reasoning are developed. PreAP Geometry enhances the development of visual and spatial sense and reasoning skills. Technology is also incorporated into instruction as a means of improving reasoning abilities. Geometry is a graduation requirement for all students. PreAP Geometry is for students who excel in math. Students taking PreAP Geometry as a freshman are expected to take Algebra II with Trigonometry, PreCalculus, and AP Calculus in the following years.

Algebraic Connections (210015)

Year-long / 1 credit

Prerequisites: Algebra I and Geometry. This course does not apply to the Advanced Academic endorsement and is not approved by the NCAA Eligibility Center.

Algebraic Connections is designed for students who need additional mathematical experiences prior to enrolling in Algebra II. It includes topics on linear and quadratic functions, probability, statistics, geometry, personal finance, and measurement. *Note: Students pursuing the Advanced Academic endorsement may not count this course as one of the four required math courses.*



Algebra with Finance (210036)

Year-long / 1 credit

Prerequisites: Algebra I and Geometry

Algebra with Finance integrates several mathematical disciplines 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. Students are encouraged to use a variety of problem-solving skills and strategies in real-world contexts and to question outcomes using mathematical analysis and data to support their findings. Math concepts and skills are applied through study and problem-solving activities in workforce situations.

Please note that Algebra with Finance is considered an equivalent course to Algebra II for the purpose of high school graduation requirements. Students who are college-bound, especially those planning to enroll directly in a four-year college or university, should research their intended school(s) to ensure that this course meets the freshman admission requirements. Many schools will require Algebra II with Trigonometry.



Algebra II with Trigonometry (210017)

Year-long / 1 credit

Prerequisite: Successful completion of Algebra I and Geometry.

Algebra II with Trigonometry is designed to extend students' algebraic knowledge and skills. Algebra II with Trigonometry involves solving equations, inequalities, and applied problems involving quadratic, absolute value, radical, exponential and logarithmic functions. Unit circle and right triangle trigonometry are also studied. Algebra II with Trigonometry is required for all students seeking the Advanced Academic endorsement, is a general requirement for college admission, and is necessary for success on the ACT and SAT college admission tests.



Discrete Mathematics (210018)

Year-long / 1 credit

Prerequisite: Algebra with Finance or Algebra II w/ Trigonometry

Discrete Mathematics is designed for students who are considering careers in something other than mathematical or scientific fields of study. Among the fields covered by Discrete Mathematics are graph and hypergraph theory, network theory, enumeration, coding theory, block designs, the theory of partially ordered sets, extremal set theory, matroid theory, algebraic combinatorics, polyhedra, combinatorial and discrete geometry, matrices, and discrete probability theory.



Precalculus (210020)

Year-long / 1 credit

Prerequisite: Algebra II with Trigonometry

Precalculus is designed primarily for students considering careers in mathematical or scientific fields of study. Following successful completion of Algebra II with Trigonometry, this course includes the expanded study of polynomial functions, conic sections, logarithmic and exponential equations, and real-life applications of these topics.



AP Exam fee (\$94) required. Prerequisite: Precalculus or with teacher recommendation.

This course includes the intense study of differentiation and integration of algebraic, trigonometric, exponential, and logarithmic functions with applications. The course content is established by the College Board; students are expected to take the Advanced Placement exam administered by the College Board in May. College credit may be earned based on a student's score on this exam; score requirements for credit are determined by individual colleges/universities. Students and parents should be prepared for the rigor of the Advanced Placement curriculum; an extensive amount of outside work is required for this course. Students **must** pay the \$94 exam fee and take the Advanced Placement exam at the completion of this course.

SCIENCE

Biology (220011)



Year-long / 1 credit
Grade 9-10

Lab fee required.

This is a year-long course in which the student will develop scientific process skills and laboratory techniques. The biological areas covered are biochemistry, living systems, cellular biology, genetics, organic variation and taxonomy.

PreAP Biology (220013)



Year-long / 1 credit
Grade 9-10

Lab fee required.

This is a year-long course in which the student will develop scientific process skills and laboratory techniques. This class will go deeper into the content and will require students to write more, investigate more, and think more. Students taking Pre-AP Biology are expected to take an AP science class as a junior and a senior. The biological areas covered are biochemistry, living systems, cellular biology, genetics, organic variation and taxonomy.

Physical Science (220051)



Year-long / 1 credit
Grade 9-10

This is an entry level course composed of chemistry and physics. It includes a study of the classification, structure, patterns, and changes in matter and of the relationship between matter and energy. Student laboratory activities are used throughout the course. This course may be used to satisfy the physical science requirement for graduation.

PreAP Chemistry (220063)



Year-long / 1 credit
Grade 10-12

Prerequisites: Algebra I and Biology

Lab fee required.

This is a laboratory course designed to help students see how chemical principles and concepts are developed from experimental observations and data. The student should be able to master certain skills, such as writing formulas, solving mole problems, and predicting reactions.

Earth and Space Science (220081)Year-long / 1 credit
Grade 11-12

Prerequisites: Biology and either Physical Science or PreAP Chemistry
Lab fee required.

This course will emphasize the laboratory application and field study of biological, chemical, and physical principles to the study of selected topics in astronomy, meteorology, geology, oceanography, and associated sciences. Topics include astronomy, meteorology, geology, and oceanography.

Anatomy and Physiology (220026)Year-long / 1 credit
Grade 11-12

Prerequisites: Biology and either Physical Science or PreAP Chemistry
Lab fee required.

This course is a general overview of the structure and functions of the various organ systems of the human body. Laboratory dissections are included in this course. This course is recommended for those students who plan to pursue the health sciences in college, especially for those who are interested in the medical field.

Physics (220071)Year-long / 1 credit
Grades 11-12

Prerequisites: Algebra II with Trigonometry and PreAP Chemistry
Lab fee required.

This course provides a detailed exploration of the properties of physical matter, physical quantities, motion and stability, energy, and waves and their applications for information transfer through authentic investigations and engineering design processes.

Environmental Science (220029)Year-long / 1 credit
Grades 11-12

Prerequisites: Biology and Physical Science or Chemistry
Lab fee required.

This course is a study of natural resources, natural hazards, and human impacts on Earth systems and global climate change. Students will learn to design engineering solutions to solve various problems affecting Earth and its environment.

AP Biology (220014)Year-long / 1 credit
Grade 10-12

AP Exam fee (\$94) required. Prerequisite: Biology
Lab fee required.

This is a college level course recommended for students interested in medicine, health-related careers, and science majors. The course content is established by the College Board; students are expected to take the Advanced Placement exam administered by the College Board in May. College credit may be earned based on a student's score on this exam; score requirements for credit are determined by individual colleges/universities. Students and parents should be prepared for the rigor of the Advanced Placement curriculum; an extensive amount of outside reading and writing is required for this course. Emphasis is placed on knowledge of the facts, principles, and processes of biology; understanding the means by which biological information is collected, how it is interpreted, how one formulates hypotheses from available data and makes further predictions; and an understanding that science is a human endeavor with social consequences. Students **must** pay the \$94 exam fee and take the Advanced Placement exam at the completion of this course. Summer assignment required.

AP Chemistry (220064)Year-long / 1 credit
Grade 11-12

*AP Exam fee (\$94) required. Prerequisites: PreAP Chemistry and Algebra II w/ Trigonometry
Lab fee required.*

AP Chemistry is designed to offer a rigorous and challenging course that covers the chemistry and chemical principles typical of college and university general chemistry courses. Students learn the usefulness and relevance of chemistry in both their intended areas of study and in the everyday world. Students will attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. AP Chemistry is also designed to contribute to the development of a student's abilities to think clearly and express his or her ideas, orally and in writing, with clarity and logic. Students will be required to spend 4-5 hours a week outside of class in individual study. Students **must** pay the \$94 exam fee and take the Advanced Placement exam at the completion of this course. Summer assignment required.

AP Environmental Science (220032)Year-long / 1 credit
Grades 11-12

*AP Exam fee (\$94) required. Prerequisites: Biology and either Physical Science or PreAP Chemistry.
Lab fee required.*

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. AP Environmental Science course includes a strong laboratory and field investigation component. The goal of this component is to complement the classroom portion of the course by allowing students to learn about the environment through firsthand observation. Students **must** pay the \$94 exam fee and take the Advanced Placement exam at the completion of this course. Summer assignment required.

SOCIAL STUDIES**World History (230013)**Year-long / 1 credit
Grade 9

World History: 1500 to the Present is the required study of world history for students in the ninth grade. The course is organized chronologically with content topics that focus on critical issues in history during recent times. Students study and analyze global issues regarding politics, economics, society, and the environment.

U.S. History I (230016)Year-long / 1 credit
Grade 10

U.S. History to 1877 is the required study of history for the tenth grade. This course involves the study of the earliest peoples and their progress through the creation of Colonial America, the Civil War, and Reconstruction. The geography, economics, government, and literature of this time frame will be stressed using a chronological survey of major issues, movements, people, and events in Alabama as well as United States history.

U.S. History II (230019)Year-long / 1 credit
Grade 11

U.S. History 1877 to Present is the required study of history for the eleventh grade. This course focuses on critical issues and events that encompass historic, geographic, economic, and political literacy. The 20th century is examined through a variety of critical thinking and writing exercises. Relevant Alabama history and world geography are incorporated in the course.

Dual Enrollment US History 201/202 (905004, 905005)



Fee: Tuition to Jeff State CC of approx. \$450 per class/per semester

Year-long / 2 credits
Grade 10 or 11

Prerequisites: B average in previous social studies courses is recommended; cumulative GPA of 3.0 strongly suggested and minimum of 2.5 required with permission of counselor and principal. Continued enrollment in HIS202 requires a final grade of C or higher in HIS201.

Students registering for this course may earn high school credit for US History I and/or US History II and complete a total of six semester hours of college credit in those subjects through a dual enrollment agreement with Jefferson State Community College. The curricula for these courses are interlaced in order to meet all of the requirements for each course component. **Dual Enrollment US History is designed for the student with above average abilities and study skills.** *Students are required to pay the college tuition for these courses at summer registration and in January.*

United States History I (HIS201) surveys United States history during colonial, Revolutionary, early national, and antebellum periods. It concludes with the Civil War and Reconstruction. *Successful completion of this course will earn the student the high school course credit for US History I.*

United States History II (HIS202) is a continuation of HIS 201. It surveys United States history from the Reconstruction era to the present. *Successful completion of this course will earn the student the high school course credit for US History II.*

Since the ALSDE has implemented the one-to-one course credit rule for Dual Enrollment courses, we have developed the following scheduling options for Moody High School:

	<u>10th Grade</u>	<u>11th Grade</u>
Option 1 (Recommended for most):	US History I	HIS 201* & HIS202
	<i>*HIS 201 would be for elective credit and will not replace US History I credit/grade earned previously.</i>	
Option 2 (Not recommended):	HIS201 & HIS202	elective course of student's choice

Government (230041) and Economics (230051)



1 semester each / .5 credit each
Grade 12

United States Government and Economics are required of all twelfth-grade students. Each course is one semester in length.

United States Government incorporates a broad theoretical and practical definition of United States government. Emphasis is given to the study of the relationship between the people and the government in the United States. In addition, a comparison of the government of the United States with other forms of government is included.

Economics incorporates both micro- and macro-economic principles and theory. Emphasis is given to the dynamic forces at work in the economic system of the United States. Through their study of American economic structure, students will acquire an appreciation of the opportunities provided by the free enterprise system. A broad conceptual approach to the study of economics is mandated for this course.

ELECTIVES

HEALTH AND PHYSICAL EDUCATION COURSES

Note: Only one P.E. course of any type per year may be counted towards AHSAA (athletic) eligibility.

Lifelong Individualized Fitness Education/Physical Education (240002) Year-long / 1 credit
Grade 9-12

Locker rental fee required.

The LIFE Course is the state-mandated physical education curriculum for the one-credit requirement for graduation. This class is designed to assist each student in becoming a physically educated person and in developing a blue print for a lifetime of healthy living.

Health (250002) Semester / .5 credit
Grades 10-12

Note: This course is one semester in length and is worth one-half credit. Health is a requirement for graduation and is typically taken in the 10th grade.

Health provides adolescents with the knowledge, skills, and understandings that will enable them to make healthier decisions throughout life. Topics include: mental health and violence prevention; drug, tobacco, and alcohol abuse; safety, first aid and CPR; chronic diseases; STD's, HIV and AIDS; nutrition, physical fitness; family issues; technology's role in health; and global environmental issues. Students also will learn to access health information, products, and services for current and future health needs.

Driver and Traffic Safety Education (290001) Semester / .5 credit
Fee: \$20.00 Grades 10-12

Fee required. Note: This course is one semester in length and is worth one-half credit. It is typically taken in the 10th grade.

Driver and Traffic Safety Education provides the student with basic skills that will make him/her a safer driver. Classroom work and actual on-the-road driving comprise the two-phase program of this course. Students are encouraged to have a driver's permit or license in order to complete the on-the-road phase of this course. Boating safety instruction is also a requirement of this course. Students will have an opportunity to earn and receive a boating license upon completion of the course. *Students with a birthday on or before February 1 of the school year will be assigned to the first semester class. Students with a birthday after February 1 of the school year will be assigned to the second semester class.*

Fitness & Conditioning (240014) Year-long / 1 credit
Grades 10-12

Prerequisite: LIFE PE

This class is designed for students who would like to learn the proper techniques and exercise routines to attain their physical goals. This class will use different conditioning techniques to help achieve a well-balanced physical workout. These conditioning techniques may include aerobics (aerobic exercise or step aerobics); Pilates; weight training (body conditioning, cross training, or circuit training); or Zumba.

Sections will be separated by gender. All classes will be conducted on the MHS campus.

Athletic/Sports Programs

Students have an opportunity to try out for the following organized sports programs: archery, baseball, basketball, cheerleading, cross country, fishing, football, golf, softball, soccer, tennis, track, volleyball, and wrestling.

PLEASE NOTE: Only the sports listed below have 7th period athletics. The coaches of these sports are on staff at MHS or have made arrangements to be available to supervise their student-athletes during 7th period year-round. **All sports not listed below will conduct all conditioning and practices outside of school hours.**

Course Name	Course #	Length/Credit
Baseball <i>Prerequisite: Coach approval</i>	240017 9 th 240018 10 th 240019 11 th 240020 12 th	Year-long / 1 credit
Basketball <i>Prerequisite: Coach approval</i>	240021 9 th 240022 10 th 240023 11 th 240024 12 th	Year-long / 1 credit
Cheerleading <i>Prerequisite: Coach approval</i>	240025 9 th 240026 10 th 240027 11 th 240028 12 th	Year-long / 1 credit
Football <i>Prerequisite: Coach approval</i>	240033 9 th 240034 10 th 240035 11 th 240036 12 th	Year-long / 1 credit
Softball <i>Prerequisite: Coach approval</i>	240045 9 th 240046 10 th 240047 11 th 240048 12 th	Year-long / 1 credit

ENGLISH ELECTIVES

NOTE: COURSES IN THIS SECTION DO NOT FULFILL ANY OF THE FOUR ENGLISH CREDITS REQUIRED FOR GRADUATION.

Creative Writing (200033) Year-long / 1 credit
Grades 11-12

Students in Creative Writing will be composing poetry, short stories, and critical responses.

Dual Enrollment Speech 106 (911800) 1 semester / 1 credit

Fee: Tuition to Jeff State CC of approx. \$450 per class/per semester

Grades 10-12

Note: SPH106 must be paired with either PSY200 or THR120 (only offered at JSCC-Pell City).

Prerequisites: Cumulative GPA of 3.0 strongly suggested and minimum of 2.5 required with permission of counselor and principal. Students who are rising seniors must submit a copy of their ACT score or take the JSCC placement test prior to the first day of class.

Students registering for this course may earn high school credit for Speech and will complete three semester hours of college credit in Fundamentals of Oral Communication through a dual enrollment agreement with Jefferson State Community College. **Dual Enrollment Speech is designed for the student with above average abilities and study skills.** Students are required to pay the college tuition for this course at summer registration for a fall semester class or on the first day of school in January for a spring semester class.

NOTE: There is no final exam exemption option in this course. All enrolled students must take the final exam regardless of their class standing or class average.

Fundamentals of Oral Communications (SPH106) is a performance course that includes the principles of human communication: Intrapersonal, interpersonal, and public. It surveys current communication theory and provides practical application. *Successful completion of this course will earn the student the high school course credit for Speech.*

FOREIGN LANGUAGES/LANGUAGES OTHER THAN ENGLISH

NOTE: Other languages are available to students via the ACCESS program. However, based on the experiences and feedback from previous students, we do not recommend those courses for most students. Students in these courses do not have any face-to-face interaction with the instructor. The courses require a high level of self-motivation and self-monitoring.

Spanish I (270153)



Year-long / 1 credit
Grades 10-12

This course is an introduction to the Spanish language and customs which includes basic pronunciation, ear training, reading, and simple composition. Students should develop the ability to read material of elementary grammatical and idiomatic difficulty using a basic 2,000 word vocabulary.

Spanish II (270154)



Year-long / 1 credit
Grades 11-12

Prerequisite: Spanish I; C average or above is recommended.

This course extends the training in composition, oral expression and aural recognition to include all tenses of the indicative and the active and passive voices. Students should develop comprehension and usage at the intermediate level.

SOCIAL SCIENCE ELECTIVES

NOTE: COURSES IN THIS SECTION DO NOT FULFILL ANY OF THE FOUR SOCIAL STUDIES CREDITS REQUIRED FOR GRADUATION.

Psychology (230071)



Year-long / 1 credit
Grades 10-12

This course offers the student an opportunity to explore human behavior, to examine positive ways to interact with others, and to form healthy methods of coping with typical adolescent problems. It provides an introduction to the entire realm of psychology, including experimental, abnormal, learning, developmental, and social. Student involvement and community awareness are encouraged through field trips, guest speakers, and role-playing discussion activities in the classroom.

Dual Enrollment Psychology 200 (910200)

1 semester / 1 credit
Grades 10-12

Fee: Tuition to Jeff State CC of approx. \$450 per class/per semester

Note: PSY200 must be paired with either SPH106 or THR120 (only offered at JSCC-Pell City).

Prerequisites: B average in previous English and/or social studies courses is recommended; cumulative GPA of 3.0 strongly suggested and minimum of 2.5 required with permission of counselor and principal. Students who are rising seniors must submit a copy of their ACT score or take the JSCC placement test prior to the first day of class.

Students registering for this course may earn high school credit for Psychology and will complete three semester hours of college credit in General Psychology through a dual enrollment agreement with Jefferson State Community College. **Dual Enrollment Psychology is designed for the student with above average abilities and study skills.** *Students are required to pay the college tuition for this course at summer registration for a fall semester course or on the first day of school in January for a spring semester course.*

NOTE: There is no final exam exemption option in this course. All enrolled students must take the final exam regardless of their class standing or class average.

General Psychology (PSY200) is a survey of behavior with an emphasis on psychological processes. This course includes the biological bases of behavior, thinking, emotion, motivation, and the nature and development of personality. *Successful completion of this course will earn the student the high school course credit for Psychology.*

Comparative Religion (230091)Year-long / 1 credit
Grades 10-12

The historical origins, central teachings, and devotional practices of the world's major religious traditions - Judaism, Christianity, Islam, and others—are compared and contrasted. This course will consider different religions relative to common themes of human experience: love, evil, sacred, right and wrong, death, afterlife, salvation, etc. The comparison and contrast of this course will be driven by a study of religious literature. Students will use what they learn from literature to write and revise descriptive and critical essays. The goal of the course is to increase understanding of the world's major religions and to examine how religious ideas have greatly shaped the society we live in.

FINE ARTS**Marching/Concert Band (9th: 283102; 10th: 283202; 11th: 283302; 12th: 283402)**Year-long / 1 credit
Grades 9-12

Selection is based on audition and band director's approval.

Fee required.

Marching Band is the fall semester portion of this course. Marching Band provides the students the opportunity to develop musical understanding, marching fundamentals and playing skills and to use these skills in appropriate performance situations. Course content includes continued reinforcement of all basic fundamentals learned at earlier levels with intensified emphasis on technical and musical expression through the marching band experience. Marching fundamentals are taught and incorporated into field show presentations.

Concert Band is the spring semester portion of this course. Concert Band provides the students the opportunity to develop musical understanding and playing skills and to use these skills in appropriate performance situations. Course content includes continued reinforcement of all basic fundamentals learned at earlier levels with intensified emphasis on technical and musical expression through the concert band experience containing the full spectrum of available literature. Solo playing, ensemble playing and individualized training are continued.

Band Lab (9th: 283119; 10th: 283219; 11th: 283319; 12th: 283419)Year-long / 1 credit
Grades 9-12

Band Lab is for offered students who would like to practice their band instrument and receive assistance from the band director. Students who are not current band members must get written approval from the band director to register for this course.

Visual Arts I (286100)Year-long / 1 credit
Grades 9-12

Fee required.

Students will learn to recognize the elements of art and principles of design through a yearlong series of 2D and 3D projects. In addition, students will take active roles in guided art critiques throughout the year. Exams are given on a regular basis and include slide identification, short answer essay questions, and vocabulary. Art history, required fieldtrips, participation in art shows on the local, state, and national level and self-directed assignments are important to the learning experience of all Art 1 students.

Visual Arts II (286200)Year-long / 1 credit
Grades 10-12

Prerequisite: Art I

Fee required.

This course emphasizes building a portfolio suitable for presentation to a college, art school, or prospective employer in an art-related field through a series of 2D and 3D projects. Students will continue to develop a rich understanding of art history and an emphasis is placed on students becoming self-directed with their artwork. Exhibitions and competitions on a local, state, and national level are highly encouraged. Art 2 students will attend all field trips, and keep a personal visual journal throughout the year.

Visual Arts III (286300)Year-long / 1 credit
Grades 11-12

*Prerequisite: Art II and teacher approval**Fee required.*

This course emphasizes building a portfolio suitable for presentation to a college, art school, or prospective employer in an art-related field. Exhibitions and competitions on a local, state, and national level are encouraged. Opportunities for course work in areas of individual interest are available in two and three-dimensional media.

Visual Arts IV (286400)Year-long / 1 credit
Grade 12

*Prerequisite: Art III and teacher approval**Fee required.*

This course engages students in the most advanced level of artistic development and technical proficiency. Students at this level understand the multifaceted components of solving visual arts problems. They are able to examine contexts, processes, and criteria for evaluations of works of art through an analytical method and to communicate their ideas regarding relationships among art forms and between their own work and the works of others. Many Level IV students plan to use their visual arts interest and ability in future careers.

Introduction to Theatre I (285100)Year-long / 1 credit
Grades 9-12

This course explores beginning theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how theatre communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will also be introduced to basic history of theater and technical theatre. Theatre also offers opportunities for students to develop team building and leadership skills. This is a performance-based class. Participation in performances outside of regular class hours is required.

Introduction to Theatre II (285200)Year-long / 1 credit
Grades 10-12

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

Dual Enrollment Theater Appreciation 120 (912403)1 semester / 1 credit
Grades 10-12

Fee: Tuition to Jeff State CC of approx. \$450 per class/per semester

IMPORTANT INFORMATION: This course is only offered on the Jefferson State Community College-Pell City Campus. Students registering for this course must provide their own reliable transportation to and from MHS and JSCC-Pell City.

Note: THR120 must be paired with either PSY200 or SPH106.

Prerequisites: Cumulative GPA of 3.0 strongly suggested and minimum of 2.5 required with permission of counselor and principal. Students who are rising seniors must submit a copy of their ACT score or take the JSCC placement test prior to the first day of class.

Students registering for this course may earn high school credit for Theater Appreciation and will complete three semester hours of college credit in Theater Appreciation through a dual enrollment agreement with Jefferson State Community College. **Dual Enrollment Theater Appreciation is designed for the student with above average abilities and study skills.** Students are required to pay the college tuition for this course at summer registration for a fall semester course or on the first day of school in January for a spring semester course. **NOTE: There is no final exam exemption option in this course. All enrolled students must take the final exam regardless of their class standing or class average.**

Theater Appreciation (THR 120) is designed to increase appreciation of contemporary theater. Emphasis is given to the theater as an art form through the study of history and theory of drama and the contributions of playwright, actor, director, designer, and technician to modern media. Attendance at theater production(s) may be required. *Successful completion of this course will earn the student the high school Fine Arts course credit for Theater Appreciation.*

Morning Option: Fall: THR120 at JSCC-PC at 8 a.m. Spring: SPH106 at JSCC-PC at 8 a.m.
*Students who are scheduled for the morning option will report to 3rd period at MHS as usual.

Afternoon Option: Students will take either PSY200 or SPH106 at MHS during 6th/7th periods during one semester (to be determined based on course selected). During the other semester, students will take THR120 at JSCC-PC at 2 p.m.

MISCELLANEOUS ELECTIVES

Introduction to Mixed Chorus (283600) Year-long / 1 credit
Grades 9-12

Note: This course does not currently meet the requirements for a Fine Arts credit.

This is a novice level course designed for students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. Chorus also offers opportunities for students to develop team building and leadership skills. This is a performance-based class. Participation in performances outside of regular class hours is required.

Student Publications I (200054) Year-long / 1 credit
Grades 10-12

This course offers practical experience in journalism skills through working on the staff of a student publication to be named and developed during the 2019-2020 school year.

Yearbook (200054) Year-long / 1 credit
Grades 9-12

Prerequisite: Approved application

Students will work on designing the yearbook. Students will be expected to sell advertisements for the yearbook. Interested students should see Mrs. Wiley. Staff members for the upcoming school year will be chosen by an application process in the spring semester of each year.

Student Office Aide (802106) Year-long / No Credit
Grade 12

Students selected for Office Aide will assist office workers with daily tasks such as answering phones and greeting visitors. Students must be professional and courteous at all times. Interested students need to see Mr. Walters or their counselor for additional information.

Exceptional Ed Aide (802206) Year-long / 1 credit
Grade 12

Students selected for Exceptional Ed Aide will work with Exceptional Education teacher in her classroom. Interested students should see their counselor for additional details.

Beginning Kinesiology (240090) Year-long / 1 credit
Grade 12

Stand-alone course which encompasses the basic concepts of athletics and fitness, and introduces students to the basic physiological, psychological, sociological, and mechanical principles of human movement. This class will cover the

different career paths associated with a degree in kinesiology, the importance of physical activity in daily life and the knowledge base of kinesiology. More specifically, this introductory 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.

CAREER TECHNICAL COURSES AT MHS

Career and technical student organizations are integral, co-curricular components of each career and technical education course and program. 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.

Career Preparedness (400025)

Year-long / 1 credit
Grade 9

This course is required for students who started 9th grade in the fall of 2013 or after.

Fee required

Career Preparedness will prepare students with content knowledge and skills to be college- and career-ready by incorporating career development and academic planning, computer skills application, and financial literacy knowledge. The required 20-hour online experience required for graduation may be met by taking this course.

Fundamentals of Agriscience (420101)

Year-long / 1 credit
Grades 9-11

Fee required

Fundamentals of Agriscience is a course that provides students with a fundamental overview of the Agriculture, Food and Natural Resources cluster, which contains five pathways—Power, Structure, and Technical Systems; Environmental and Natural Resources Systems; Animal Systems; Plant Systems; and Agribusiness Systems. Students are involved in classroom and laboratory activities in each of the five pathway areas. The emphasis for Fundamentals of Agriscience is based around the NCCER Core Curriculum including basic safety, construction math, hand tools, power tools, construction drawings, basic rigging, communication skills, employability skills, and materials handling. Fundamentals of Agriscience is a part of four courses that comprise the General Agriscience Program. This course should be offered in series along with Intermediate Agriscience, Advanced Agriscience, and Applied Agricultural Mechanics. It is strongly encouraged that Fundamentals of Agriscience be a required pre-requisite for the other courses in the program. 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.

Intermediate Agriscience (420102)

Year-long / 1 credit
Grades 9-11

Fee required

Intermediate Agriscience is a course that provides students with an intermediate understanding of the Agriculture, Food and Natural Resources cluster, which contains five pathways—Power, Structure, and Technical Systems; Environmental and Natural Resources Systems; Animal Systems; Plant Systems; and Agribusiness Systems. Students are involved in classroom and laboratory activities in each of the five pathway areas. The emphasis for Intermediate Agriscience is plant systems. The curriculum will provide opportunities for credentials utilizing resources from the Alabama Green Industry Training Center and NCCER. Intermediate Agriscience is part of a four course sequence that comprises the General Agriscience Program. This course should be offered in series along with Fundamentals of Agriscience, Advanced Agriscience, and Applied Agricultural Mechanics. It is strongly encouraged that Fundamentals of Agriscience be required as a pre-requisite for this course. Career and technical student organizations are integral, co-curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

Advanced Agriscience (420103)Year-long / 1 credit
Grades 9-11

Fee required

Advanced Agriscience is a course that provides students with an advanced understanding of the Agriculture, Food and Natural Resources cluster, which contains five pathways—Power, Structure, and Technical Systems; Environmental and Natural Resources Systems; Animal Systems; Plant Systems; and Agribusiness Systems. Students are involved in classroom and laboratory activities in each of the five pathway areas. The emphasis for Advanced Agriscience is animal systems. The curriculum will provide opportunities for credentials utilizing resources from the Alabama Green Industry Training Center, NCCER, and various others. Advanced Agriscience is part of a four course sequence that comprises the General Agriscience Program. This course should be offered in series along with Fundamentals of Agriscience, Intermediate Agriscience, and Applied Agricultural Mechanics. It is strongly encouraged that Fundamentals of Agriscience be required as a pre-requisite for this course. 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.

Business Technology Applications (450006)Year-long / 1 credit
Grades 10-12

*Prerequisite: Career Preparedness**Fee required*

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

Business Essentials (450007)Year-long / 1 credit
Grades 10-12

*Prerequisite: Career Preparedness**Fee required*

Business Essentials is a one-credit foundation course where students develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in commerce and information technology careers.

Hospitality and Tourism – Introductory Course (500011)Year-long / 1 credit
Grade 10 or 11

Fee required

This class is a one-credit foundation course designed to introduce students to the hospitality and tourism industry, the lodging industry, and culinary arts. Students will be expected to pass all required safety tests as well as learn proper kitchen procedures. There is a minimal amount of actual kitchen experience/cooking in this course. This course is a prerequisite for Culinary Arts I, Culinary Arts II and Baking and Pastry Arts, where the kitchen and cooking experiences will increase in frequency.

Culinary Arts Level I: Hospitality and Tourism (500011)1 semester, 2 periods / 1 credit
Grade 11

Fee required

This class is offered in conjunction with Culinary Arts I for Level I students. This class is a one-credit foundation course designed to introduce students to the hospitality and tourism industry, the lodging industry, and culinary arts. Students will be expected to pass all required safety tests as well as learn proper kitchen procedures. There is a minimal amount of actual kitchen experience/cooking in this course. This course is a prerequisite for Culinary Arts I, Culinary Arts II and Baking and Pastry Arts, where the kitchen and cooking experiences will increase in frequency.

Culinary Arts Level I: Culinary Arts I (500012)1 semester, 2 periods / 1 credit
Grade 11

Prerequisite: Hospitality and Tourism

Fee required

This class is offered in conjunction with Hospitality and Tourism for Level I students. It is a one-credit course designed to introduce students to basic food production, management, and service activities in both the back and-front of the house. Emphasis is placed on sanitation, safety, and basic food production. The prerequisite for this course is Hospitality and Tourism.

Culinary Arts Level II: Culinary Arts II (500013)

1 semester, 2 periods / 1 credit

Grade 12

Prerequisite: Culinary Arts Level I - Hospitality and Tourism and Culinary Arts I

Fee required

Must be taken with Baking and Pastry Arts. A one-credit course designed to provide students with advanced experiences in food production, management, and service. The prerequisite for this course is Culinary Arts I.

Culinary Arts Level II: Baking and Pastry Arts (500014)

1 semester, 2 periods / 1 credit

Grade 12

Prerequisite: Culinary Arts II

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

FACS - Family and Consumer Science (510004)

Year-long / 1 credit

Grades 9-12

Fee required

This course content is based upon the Alabama Course of Study, Family & Consumer Sciences. This is a one credit course that allows students to explore the topics of marriage and family life, parenting and caregiving, consumer services, apparel, housing, food and nutrition, and technology and careers. Hands-on activities and experiences conducted in the classroom and laboratories are important components of this class.

Food and Nutrition (510011)

Year-long / 1 credit

Grades 10-12

Prerequisite: Family and Consumer Science

Fee required

This course content is based upon the Alabama Course of Study, Food & Nutrition. This course is designed to allow students to explore food, nutrition, management and service, technology and careers. Major topics include selection and preparation of nutritious meals, safety, sanitation, and storage of food. Hands on activities and experiences conducted in the classroom and laboratories are important components of this class.

Event Planning (500015)

Year-long / 1 credit

Grades 10-12

Prerequisite: Family and Consumer Science

Fee required

This is a one-credit course in which 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 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 staff, staging the event, providing necessary technology and equipment, securing entertainment, and understanding the legal issues in event planning. Students will have the opportunity to assist in planning, preparing decorations for, and conducting various school-wide events in order to practice skills taught.

Work-Based Learning (Cooperative Education) (400122)

Year-long / 1 or more credits

Grade 12

Prerequisite: Application and selection.

The purpose of work-based learning is to provide work-based learning experiences in licensed enterprises. Students must be seniors who are on track for graduation, have acceptable attendance, grades, and

discipline. Students must hold a valid driver's license and have their own transportation. Students must have already completed at least one Career Tech course. Students must work approximately 15 hours per week. Participating in the work-based learning program is a privilege and a commitment. If a student does not fulfill the requirements, a failing grade will be submitted with no credit earned.

Notes: Students may earn additional credits for excess documented work hours. This will be determined by their counselor and the work-based learning supervisor.

OFF CAMPUS CAREER TECHNICAL COURSES

In addition to the career technical programs offered on the Moody High School campus, our students have the opportunity to attend classes for programs based in other locations.

EDEN CAREER TECHNICAL CENTER – ASHVILLE

Who is allowed to go to ECTC?

While the majority of students begin attending ECTC during their junior year, many of these programs allow a third year for students who opt to begin attending in the 10th grade. These needs will be addressed by the counselors at MHS and ECTC on an individual basis. 3rd year students may have the opportunity to co-op during the 2nd semester of their senior year.

*Students may begin attending JROTC in 9th grade.

Why do I have to take three credits at ECTC?

Students from MHS attending ECTC are transported by bus for approximately half of each day. Three Career Technical Education credits may be earned at ECTC and the remaining four credits at MHS are typically the core academic courses.

*Important note: Students attending the morning session at ECTC will have to complete one credit via Apex as the travel time does not allow them to return to MHS in time to attend a 4th period class.

Can I choose whether I go in the morning or afternoon?

No. ECTC may specify that students attend a particular session based on their program and year of attendance. Otherwise, your schedule will be developed in the best way to place you in the classes you need to graduate.

How much does it cost to attend ECTC?

(Based on the last information received from ECTC) The cost to attend classes at ECTC is \$30 per semester plus \$15 for club dues for a total of \$75 per year. Cosmetology costs more because the student has to purchase a kit that they may use for both years in the program. The kit is approximately \$160 for a first year student; the second year would be less because they already have their kits.

Automotive Service: Diagnosis, service, and repair of automobiles and light trucks

Building Construction: Current and emerging technology, layout, fabrication, assembly, installation, and repair in essential elements of building construction

Business/Marketing/Multimedia: Completers develop a career focus and the skills that enhance their chances of moving directly into higher education, an apprentice program, the military, or entry-level employment in Marketing, Management, Computer Technology, or Finance. This program offers the IT Academy with credentialing opportunities through Microsoft.

Collision Repair: Repair and refinishing automobiles and light trucks

Communication: Students are prepared for communication and technology industry

Cosmetology: Designed for students interested in a career in any area of the Cosmetology profession

Early Childhood Education: Prepares students for careers in preschool

Drafting and Design: Designed to allow students to learn how to draft for the architecture industry

Health Science/Technology: Prepares students to successfully enter a career in healthcare

HVAC: Students can learn how to become prepared with HVAC

Information Technology: Involves the design, development, support, and management of hardware, software, multimedia, and systems integration services

JROTC: Designed to teach leadership, success skills, physical fitness, health, citizenship, as well as how to efficiently improve school work

Welding: Provides preparation for students interested in a career in metal work

Students and parents wishing to tour the facilities at ECTC may arrange that individually by calling 594-7055.

FIRE SCIENCE – PELL CITY FIRE STATION

This program is offered through the St. Clair County Career Technical Department and is housed at the Pell City Fire Station. Students are responsible for their transportation to Pell City and back to MHS each day. This program has a \$100.00 fee. Interested students should see their counselor for an application.

The Fire Science program accepts applicants each spring from students who will be seniors in the following school year. Applicants may be asked to participate in an interview and orientation before beginning the program. Candidates must pass a physical test as the program requires daily physical training. Random drug screenings will be conducted.

This program provides high school seniors an opportunity to immerse themselves in the exciting and rewarding career field of the fire service. Students are trained to the state standards of a certified volunteer fire fighter. This training encompasses all the requirements set forth by the National Fire Protection Association (NFPA), and the Alabama Firefighter's Personnel Standards and Education Commission. The training is provided in cooperation with the Alabama Fire College and is accredited by the Pro Board Fire Service Professional Qualifications System and the International Fire Service Accreditation Congress. Upon completion of this in depth training, students are certified as a volunteer firefighter. They also will complete an Emergency Care Provider Course (ECP) and learn valuable first response emergency medical care. Students that complete this training are eligible to enter a "Bridge" recruit school to earn their Firefighter I and Firefighter II certification in five additional weeks of hands-on training. Successful completion of the "Bridge" program allows the student to immediately enter the workforce as a fully certified career firefighter.

ACADEMY OF CRAFT TRAINING – IRONDALE

The Academy of Craft Training is located in Birmingham, near Irondale, and recruits students each spring who will be seniors for the next school year. A bus runs each afternoon for students to take classes at the Academy. All academic courses are taken in the morning at MHS. The only cost to students and parents is a pair of steel-toed boots.

Students who plan to enter the workforce immediately after graduation in the fields of masonry, HVAC/plumbing, or electrical have an opportunity to attend classes at the Academy of Craft Training. These trades are in high demand in our area.

Interested students must complete an online application and undergo an interview at the Academy of Craft Training in early spring of their junior year. The school system will provide transportation to the Academy for these interviews.

GARRISON STEEL AND IRONWORKING – PELL CITY

The Iron Working Skills Institute is located in Pell City at Garrison Steel. Students move through NCCER classes during eight week intervals to complete courses in iron working. Students can earn credentialing through three courses.