

**LAST UPDATED:**

**GRADES 7-12**

# **CURRICULUM HANDBOOK**

**MADISON ACADEMY**



**YOUR JOURNEY STARTS HERE**

**Helping students grow in wisdom, in stature, and in favor with God and man.**

2026-2027

## ***MADISON ACADEMY***

### **Mission Statement**

*“To provide a quality education in a Christian environment that will help students grow in wisdom and stature and in favor with God and man.”*

A Christian education provides our students with an understanding of their relation to God and the world in which we live. Our goal is to meet the needs of each child so that he/she can live a life that will please and glorify God.

#### **We pledge. . .**

. . .to develop Christian attitudes, which go hand-in-hand with traditional American ideals of good citizenship.

. . .to provide high-quality learning experiences and honest evaluation of our students and ourselves.

. . . to relate Biblical principles to everything that is taught, both in the classroom and in all school-sponsored activities.

### **THIS CURRICULUM HANDBOOK IS IN TWO PARTS:**

**Part One:** Academic and Co-Curricular policies that explain the requirements for earning a Madison Academy Diploma, Standard or Advanced.

**Part Two:** Course Catalog that includes core course pathways and descriptions and current elective offerings

Thank you for choosing Madison Academy. Our staff, faculty, and volunteer board of directors strive to faithfully administer the Lord’s work at MA in keeping with our mission, and we look forward to serving your family in God’s name.

The Administration and Board of Directors of Madison Academy

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## INTRODUCTORY INFORMATION

### NON-DISCRIMINATION STATEMENT

Madison Academy is a Christian school open to any qualified student without regard to race, religion, sex, color, national or ethnic origin, or physical handicap. In a manner consistent with all applicable laws and regulations, it does not discriminate on the basis of race, religion, sex, color, national or ethnic origin, or physical handicap in the administration of its educational policies, programs, and activities except where necessitated by specific religious tenets held by the institution.

### ACCREDITATION

Madison Academy is fully accredited by Cognia, formerly known as AdvancED and Southern Association of Colleges and Schools (SACS) and by the National Christian School Association (NCSA).

## ACADEMIC POLICIES

### GRADES, GRADING SCALE, GPA, REPORT CARDS

- **Grades** are available online for parents and students to check through FACTS and Canvas. With the accessibility of this information, we encourage you to monitor your child's grades on a regular basis. For those families without online availability, printed progress will be available upon request. Please check with the Upper School office for grade access directions.
- **Grading scale:** A=90-100 B=80-89 C=70-79 D=65-69 F=0-64
- **WGPA** (Weighted Grade Point Average) for colleges will include all subjects. This average includes all core courses, electives, Bible, and bonus points for classes designated as AP, Dual-Enroll, and Honors classes.
- **GPA** (Grade Point Average) will be used for some in-school recognition and participation in programs. The GPA and equivalent Numeric Average includes the four core academic subjects: math, science, history, and English, plus Bible. Transcripts will show both GPAs and contain an explanation regarding the differences.
- **Report cards** will be issued at the end of each 9-week grading period electronically. If you do not receive a report card, please contact the Upper School office.
- **NOTE:** Students/parents have one (1) year in which to report and correct any discrepancies regarding grades/semester exams. Academic support material, grade books and semester exams will only be kept for twelve months.

**PARTICIPATION GRADES for ALL 7-12 ELECTIVE AND BIBLE COURSES:**

Participation grades will be given to students in all elective and Bible courses grades 7-12 based on the following Madison Academy **Classroom Rules**. These rules are as follows:

- **Be on Time**
- **Be Prepared** with assignments, book, pencil and paper, Chromebook or MacBook
- **Be Courteous** and use positive, appropriate language
- **Show respect** for self, classmates and teacher
- **Be Responsible** and work productively

The **Participation Grade** will make up a percentage of each student's overall grade in the elective or Bible class.

**Diploma Requirement Checklist**

**Class of 2027 +**

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

Diploma Type: Reg Adv

Date: \_\_\_\_\_ Grade: \_\_\_\_\_

Credits Earned: \_\_\_\_\_

**English - 4 credits**

- \_\_\_\_\_ English 9 or Honors 9
- \_\_\_\_\_ English 10 or Honors 10
- \_\_\_\_\_ English 11 or Honors 11 or AP or DE
- \_\_\_\_\_ English 12 or Honors 12 or AP or DE

**Social Studies - 4 credits**

- \_\_\_\_\_ 9th - World History 9 or Honors -- required
- \_\_\_\_\_ 10th - US History I -- required or Honors US History I
- \_\_\_\_\_ 11th - US History II -- required or US History II (Honors or DE)
- \_\_\_\_\_ 12th - US Government / Economics -- required

**Math - 4 credits**

- \_\_\_\_\_ Algebra I
- \_\_\_\_\_ Geometry or Honors
- \_\_\_\_\_ Algebra II or Honors
- \_\_\_\_\_ \_\_\_\_\_
- \_\_\_\_\_ \_\_\_\_\_

**Science - 4 credits**

- \_\_\_\_\_ Biology or Honors Biology
- \_\_\_\_\_ Physical Science or Honors Chemistry
- \_\_\_\_\_ \_\_\_\_\_
- \_\_\_\_\_ \_\_\_\_\_
- \_\_\_\_\_ \_\_\_\_\_

**Bible - 4 credits**

- \_\_\_\_\_ Bible 9 \_\_\_\_\_ Bible 10
- \_\_\_\_\_ Bible 11 \_\_\_\_\_ Bible 12

**Foreign Language - 1 credit in grades 9-12 is required for Advanced Diploma**

\_\_\_\_\_ Foreign Language \_\_\_\_\_

**Required Electives**

- \_\_\_\_\_ 1/2 credit of Health (OR 2 semesters of Human A&P)
- \_\_\_\_\_ 1 credit of LIFE PE  
NOTE: 1 Sem of MARCHING BAND may fulfill 1/2 PE requirement.

**Important Notes:**

Graduation Credits required: 27 minimum for Advanced diploma  
26 minimum for Standard diploma  
Students must take each of the 5 core subjects every year.

Additional requirements for Advanced Diploma:

1. Student must take at least 1 HN/DE/AP credit in each of the 4 core subjects in grades 10-12 plus 4 additional HN/DE/AP credits in any core subject area in grades 10-12 for a TOTAL of 8 HN/DE/AP core credits in grades 10-12.
2. No semester average below 70 in any course for any semester
3. One credit of foreign language in grades 9-12

**Electives**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Updated 2/2026

## DIPLOMAS

Students have a choice of two types of diplomas -- Standard or Advanced.

NOTE: STUDENTS MUST MAINTAIN A 70+ AVERAGE PER SEMESTER IN EACH COURSE TAKEN (Bible & Electives included) TO RECEIVE AN ADVANCED DIPLOMA.

### MA DIPLOMA TRACKS (CLASS OF 2027+)

| <u>Standard Diploma – minimum of 26 credits</u>                          | <u>Advanced Diploma – minimum of 27 credits</u>   |
|--|---|
| 4 credits of Bible*  | 4 credits of Bible*   |
| 4 credits of English*  | 4 credits of English*   |
| 4 credits of Social Science*   | 4 credits of Social Science*  |
| 4 credits of Science*<br>(Must include Biology I and a physical science) | 4 credits of Science*<br>(Must include Biology I and a physical science)  |
| 4 credits of Math*<br>(Must include Algebra I, Geometry, and Algebra II) | 4 credits of Math*<br>(Must include Algebra I, Geometry, and Algebra II or higher)  |
| ½ credit of Health<br>(or 2 semesters of Human Anatomy & Physiology)     | 1 credit of Foreign Language<br>in grades 9-12  |
| 1 credit of P.E.   | ½ credit of Health<br>(or 2 semesters of Human Anatomy & Physiology)  |
| plus Elective credits  | 1 credit of P.E.  |
|  | plus Elective credits   |
|  | <b>*Additional requirements for the Advanced Diploma:</b>   |
|  | 1) Students must take at least 1 HN/DE/AP credit in each of the 4 core subjects in grades 10-12, plus 4 additional HN/DE/AP core course credits in any core subject area for a TOTAL of 8 HN/DE/AP core course credits in grades 10-12. |
|  | 2) Students must maintain a minimum 70 average for each semester in every course taken in grades 9-12.  |
|  | <b>*Note: Students must take each of the 5 core subjects every year</b>   |

**Standard Diploma** - This diploma track satisfies the Alabama state requirements for high school graduation. This track awards a full high school diploma.

**Advanced Diploma** - This diploma track, in addition to meeting Alabama state requirements, meets/exceeds the requirements students need for admission to most 4 year universities. There is no designation of Advanced Diploma on transcripts or the diploma.

**\*\*\*It is recommended that students evaluate their post-graduation plans to determine the track or courses that best meet their needs.**

## **BONUS CREDIT FOR HONORS, DUAL-ENROLLMENT, AND AP COURSES**

### **• Honors Courses**

Due to the rigorous curriculum, certain courses have been designated as “Honors.” Students participating in honors courses in grades 9-12 will receive one-half quality point in their cumulative grade-point average calculation in recognition of the difficulty of the course.

### **• Dual Enrollment and Dual Credit**

**• There are two distinct opportunities allowed by Madison Academy in reference to Dual Enrollment and/or Dual Credit. Additional details on these two opportunities are further defined below.**

**• Participation in Dual Enrollment and Dual Credit courses will receive a maximum of ½ high school credit per semester for each course taken.**

1. Dual Enrollment is an option available to juniors and seniors through arrangements made with multiple institutions of higher learning. Through this program, a qualified student may enroll in the approved core courses taught by MA faculty on the MA campus to earn high school credit while also earning college credit. Students participating in Dual-Enrollment courses may receive an additional one-point bonus in their cumulative grade-point average calculation in recognition of the college equivalency and difficulty of the course. The bonus is not offered to courses delineated as remedial or preparatory. The class taken must be a class pre-approved by Madison Academy. The student also must meet admission requirements set by the college. The student is responsible for prompt payment of all Dual Enrollment fees to the college. Students should inquire with their choice of college for details regarding acceptable transfer credits.
2. Dual Credit is an option available to sophomores, juniors, and seniors through an arrangement made with UA Early College, Auburn First, Calhoun Community College, University of Alabama Huntsville, or any other pre-approved post secondary institution. This opportunity allows students to diversify their course track by enrolling in courses NOT offered at Madison Academy in lieu of a credit at MA.
  - a. Core Courses - A student may seek pre-approval to take a core course at the college level that will replace their diploma requirement at MA. Depending on the rigor of the course, it may be calculated on the bonus point grading scale per the grading guidelines in the curriculum handbook. (Administration will evaluate the rigor of the course using the course description in comparison with our course offerings at MA.)
  - b. Electives - A student may seek pre-approval to take an elective course at the college level that will be taken in place of an elective offered at Madison Academy. A student may not be able to take courses concurrently that would result in more than 8 credits. In the event a student takes an additional elective (above and beyond 8 courses in one semester), the elective dual credit courses will not be placed on the transcript. Elective Dual Credit Courses do not qualify for the bonus point grading scale.

- **Advanced Placement (AP)**

Advanced Placement (AP) students will be required to take the AP exam. Colleges participating in the AP program give college credit for a passing score. Students should inquire with their choice of college for details regarding acceptable scores. Students participating in Advanced Placement courses receive an additional 1 point bonus on their cumulative grade-point average calculation in recognition of the college equivalency and difficulty of the course. AP test fees will be added to the school bill.

### **BRIDGE**

While Madison Academy’s small class sizes and enriched academic environment can be helpful for some students with mild learning disabilities, the school does not provide individualized or formal services associated with Section 504 or IDEIA (special education).. Families should be aware that MA may not be equipped to fully support students whose learning or behavioral needs require accommodations beyond the scope of our program. In these situations, students may not be eligible for continued enrollment. In grades 7 through 12, Madison Academy offers a program, Bridge, to assist students who need extra support in organizational skills and study skills to be able to successfully navigate our college preparatory curriculum. Students must qualify to be part of this program and numbers are limited.

### **FAILURE POLICY**

**Grades 7-12** Any Bible course failure in middle or high school must be made up by assigned extra work during the summer. Students who fail any subject for the year should see the Dean of Students regarding available/approved options for make-up credit.

**Grades 7-8**, any failed academic core subject (English, math, social studies, or science) must be taken in summer school. If two (2) or more major subjects are failed, the student may be required to repeat the grade. Failures are based on yearly averages. A student repeating a grade may or may not be allowed to return to Madison Academy, based on the decision of the Admissions Committee.

**Grades 9-12**, any subject that is failed and is required for graduation must be taken in summer school or through a virtual option. Failures are based on yearly averages.

### **SUMMER SCHOOL AND CREDIT RECOVERY**

Courses repeated in summer school—through online courses or at MA—must be approved by the administration. Such courses will not earn hour credit; however, these grades will be reflected on the permanent record.

- Summer school, credit recovery grades and repeated courses cannot be applied toward the Advanced Academic Diploma (Students successfully completing a credit recovery course will receive a maximum grade of 70).
- Make-up work must be completed by the first Fall contest for AHSAA eligibility purposes.
- **Credit Recovery does not count toward NCAA eligibility** (*but is acceptable for AHSAA*).

### **TRANSCRIPT RELEASE**

Transcripts of a student’s record will be released by the college counselor to educational institutions, parents, or the student for any requested purpose without cost.

- The request must come via Parchment Exchange from the parents or guardian or student of legal age.
- No transcript will be released unless the financial account to MA is current.
- For transcripts to be sent to a college, students must register via Parchment Exchange. Juniors and Seniors will be given a code.

### **TRANSFER STUDENTS AND COURSE PLACEMENT**

Transfer credit will be evaluated on an individual basis referring to official transcripts and course descriptions. Proficiency evaluations may be needed for class placement. Recognition of credit earned:

- Madison Academy recognizes credit earned from other schools that are associated with the regional or state accrediting agencies.
- All students transferring in from another school will be required to take the ISEE (Independent School Entrance Exam) to determine proper placement.
- No duplicate enrollment for credit is permitted.
- All prerequisite courses must be completed before a student advances to the next level.

### **VIDEO POLICY**

Movie ratings of “G,” “PG,” and “PG-13” are generally acceptable in grades 7-12 without prior parent notification (teachers are asked to review PG-13 movies closely to be sure the content is not inappropriate). The movie/video must contain content with educational value and/or be relevant to the course. Teachers of grades 9-12 who wish to show educational movies/videos that are rated “R” **must** do the following:

- Present rationale of the educational value to the administration for approval.
- Send home a permission form to be signed by parents. Students not receiving parental permission to view the movie/video must be given an alternative assignment and not penalized grade-wise.

### **ARTIFICIAL INTELLIGENCE**

#### **Definition of Artificial Intelligence (AI)**

Artificial Intelligence (AI) refers to computer-based systems or software that can perform tasks typically requiring human thought, reasoning, or creativity. These tasks may include generating written text, solving problems, answering questions, summarizing or translating information, and creating images or other content. AI tools are designed to analyze patterns, produce responses, or aid decision-making but do not possess human judgment, moral reasoning, or personal understanding.

In the context of this course, AI includes web-based chatbots, automated writing or problem-solving platforms, and any software that produces content without the student’s original thought and effort.

#### **Madison Academy Artificial Intelligence Use Policy Purpose**

This policy upholds Madison Academy’s mission to provide “a quality education in a Christian environment” that fosters wisdom, knowledge, integrity, and spiritual growth in students.

#### **Policy Statement**

Students are prohibited from using Artificial Intelligence (AI) tools to complete academic work unless the teacher gives explicit written permission for a specific assignment.

Madison Academy values academic excellence grounded in faithful stewardship of knowledge, intellectual integrity, and personal responsibility. All student work must reflect the student's own understanding, effort, and application of biblical principles, Christian character, critical thinking, and ethical conduct.

### **Prohibited Uses**

The following are not permitted unless specifically allowed in advance by the instructor:

1. Submitting assignments, papers, essays, reports, problem solutions, or projects that contain content generated by an AI tool (e.g., text, analysis, code, or images).
2. Using AI to answer questions, complete homework, draft essays, or prepare presentations without acknowledgement and explicit authorization.
3. Relying on AI for interpretation, summarization, or evaluation of instructional content in a way that replaces the student's own work.

### **Academic Integrity and Faith Values**

Madison Academy expects students to pursue learning with honesty, diligence, and humility in accordance with Christian virtue and the school's educational purpose. Students are called to "grow in wisdom and stature and in favor with God and man," demonstrating integrity in both academic output and personal conduct." Failing to adhere to this policy undermines the development of biblical character, personal responsibility, and authentic learning.

### **Consequences for Policy Violations**

Violations of this policy will be treated as breaches of academic integrity and may result in:

- A grade of zero on the affected assignment
- Parent contact and disciplinary record
- Further consequences in accordance with Madison Academy's established academic integrity guidelines

Students unsure whether a specific tool or action is permitted should consult their teacher before use.

Permitted use may include teacher-assigned activities where AI tools serve as exploratory aids under structured supervision and solely for enhancing understanding rather than replacing original work.

## **COURSE CATALOG**

Madison Academy offers a challenging curriculum designed to prepare students for successful transition to the four-year university program. A variety of elective offerings give students the opportunity to explore additional subjects of personal interest, especially in the area of fine arts.

## BIBLE AND SPIRITUAL FORMATION



### Grades 7-9

- A Walk Through the Bible

### Grades 10

- Biblical Worldview
- Special Topics
- Foundations of Spiritual Formation

### Grade 11

- Biblical Worldview
- Special Topics
- Foundations of Spiritual Formation
- Spiritual Formation Team

### Grade 12

- Special Topics
- Spiritual Formation Team / Capstone
- Capstone Senior Bible

## BIBLE COURSES

\*\*\*A Bible course listed below must be taken each year while in grades 7-12.

### Level: Grades 7-9

**A Walk Through the Bible:** Students engage in a comprehensive study of Scripture that begins with the Old Testament and progresses through the life of Christ, culminating in the redemptive narrative of the Gospel. In seventh grade, instruction emphasizes the overarching biblical storyline from Genesis through Malachi. Eighth grade centers on the life of Christ and His fulfillment of Old Testament prophecy and promise. By ninth grade, students advance through Acts to Revelation, with focused study on the early Church, the missionary journeys of Paul and Peter, and the consummation of God's redemptive plan in Revelation. These grade level Bible courses are designed to meet students' spiritual needs, establish a strong foundation of biblical knowledge, and cultivate character, wisdom, moral discernment, responsible citizenship, and a commitment to service.

**Prerequisite:** None

**Credit:** 1 Unit each year beginning in grade 9

### Level: Grades 10-11

**Biblical Worldview-** A worldview is an orienting narrative. People use their worldview to make sense of reality. Without a worldview, a person cannot find meaning in life. God has given us the Bible as our guiding narrative. Scripture enables us to view the world as God intends us to see it. The goal of this course is to teach students to view the world in this way, enabling them to live in the world as God intends. This course is a two-year Bible course and will emphasize the following

themes: the big story, gender, marriage and the family, science and technology, government, and the arts.

**Prerequisite:** None

**Credit:** 1 Unit each year for grades 10-11

**Level: Grade 12**

**Capstone Senior Bible:** In this senior-level course, students will complete a culminating capstone project centered on the development and articulation of a personal statement of faith. This course is designed to integrate and apply the knowledge, skills, and spiritual formation students have gained throughout their tenure at Madison Academy through a cohesive Biblical worldview. Instruction will include focused study and application of the fruits of the Spirit, conflict resolution, Biblical approaches to relationships and dating, financial stewardship, discipleship and additional topics that equip students for faithful engagement in postsecondary education, the workforce, and adult life.

**Prerequisite:** None

**Credit:** 1 Unit

### **SPECIAL TOPICS BIBLE**

**Level: Grades 10-12**

This class fills the need for a more comprehensive study of the Bible and of a few special topics. A three-year curriculum rotation provides students with a breadth and depth of Biblical instruction in both the Old and New Testament, and in Christian evidence and world religions (and cults). Many students take all 3 years and that is permissible.

**Special Topics A (2027-2028):** A survey study of the Old Testament books in their chronological order of writing. The prophets and poetry books will be discussed during the periods that they were written. Emphasis on the OT prophets' predictions concerning the Messiah and the Messianic kingdom to be established in the NT, and the role of the main OT characters in God's plan to fulfill the seed promise made to Abraham in Jesus Christ. Also a study of the main characters of the Old Testament and the lessons we can learn from them.

**Credit:** 1 Unit per year

**Special Topics B (2025-2026)**

The first semester begins with a study of Christian Evidence (with an emphasis on the existence of God, the resurrection of Jesus as the main proof of Christianity, the Messianic predictions fulfilled by Jesus, how we received the Bible books, and a thorough discussion of the theory of macro/micro evolution. The second semester will be "Comparative Religions," a study of ancient pagan religions, the five main world religions (Buddhism, Hinduism, Islam, Christianity, and Judaism), and the cults.

**(The second semester is NCAA approved.)**

**Credit:** 1 Unit per year

**Special Topics C (2026-2027)**

A survey study of the "400 silent years" between the testaments, the gospels (and proof that the gospels were authentic and written early), Acts, and the rest of the New Testament books in their chronological order of writing. For example, we will study each of Paul's letters as they were written chronologically during his missionary journeys and after his 2 year house arrest in Rome. A survey of Paul's epistles, a survey study of Hebrews, the general epistles, and Revelation. "The OT is the NT

concealed, and the NT is the OT revealed." This study will emphasize the NT revelation of the "mystery" of salvation through the apostles and prophets.

Prerequisite: None, but previous Bible teacher recommendations are required.

**Credit:** 1 Unit per year

### **FOUNDATION OF SPIRITUAL FORMATION**

#### **Level: Grades 10-11**

Students will apply to be a part of this course. This course will be intentional in preparing students for the Student Spiritual Formation Team, but more importantly, preparing them for a life of ministry. While following some of the same content that our current 10/11 Bible classes are following, the content in the course will be presented in a way that students will learn to teach and use the material to minister to others. The course will also provide opportunities to make sure students have a comprehensive knowledge of the Bible that will help them in teaching others. Students will practice Biblical exegesis, public speaking, and planning for ministry opportunities.

**Prerequisite:** Instructor Approval - Invitation from Spiritual Formation Leader - Application required and interview

**Credit:** 1 Unit

### **STUDENT SPIRITUAL FORMATION TEAM**

#### **Level: Grades 11-12**

The Student Spiritual Formation Team is a mix-gendered elective class open to Juniors and Seniors. The class will plan and lead the Gatherings (HS, MS, ES) for the entire school year, engage in outreach and service opportunities on and off campus, and learn practical lessons on discipleship. Students signing up for this class will be expected to have made a commitment to be a follower of Jesus, to have the capacity to work in a team setting, and to lead publicly after coaching from the instructor. This course serves as the Bible credit for juniors and seniors.

**Prerequisite:** Instructor Approval

**Recommendation:** Completion of Foundation of Spiritual Formation course

**Credit:** 1 Unit

## English Courses



Grade 7 English  
Grade 8 English

Grade 9

- English 9
- Honors English 9

Grade 10

- English 10
- Honors English 10

Grade 11

- English 11
- Honors English 11
- AP Language and Composition 11
- Dual Enrollment EN 111/ 112

Grade 12

- English 12
- Honors English 12
- AP English Literature & Composition
- Dual Enrollment English 211/212

## ENGLISH COURSES

**\*\*\*See school website for Summer Reading requirements for all English courses.**

### ENGLISH 7

**Level: Grade 7**

This course encompasses year-long, formal grammar study, exploration of fiction and non-fiction literature, and instruction in writing in a variety of modes for a variety of purposes. Students will be introduced to MLA formatting and documentation. Reading comprehension and critical thinking skills are developed through analysis of short stories, poems, and novels. Students will also complete weekly vocabulary throughout the year with a focus on Latin prefixes and root words.

**Prerequisite:** English 6

### ENGLISH 8

**Level: Grade 8**

This course has the goal of making student writing and verbal communication clear, concise, correct, and effective. Emphasis is placed on transitioning students from middle school to the more demanding high school English curriculum. Grammar covered in 7th grade is reviewed, then concentration is on sentence improvement and the development of writing at the paragraph level. A 30-week word study matures student vocabulary. Synthesis essays with an emphasis on history teach students, through comparison and contrast, to think outside their own worlds into the past, present, and future. Students work on improving critical thinking by studying short works of fiction and non-fiction, novels, and poetry.

**Prerequisites:** English 7

## ENGLISH 9

**Level: Grade 9**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

English 9 is a developmental composition and literature course that focuses on critical thinking and introduction to the analysis of literature. Improving vocabulary skills, grammar, mechanics, and usage are stressed in all areas of writing. Critical thinking skills are cultivated in the analysis of the novel *To Kill a Mockingbird*; the drama *Romeo and Juliet*; short stories; and poetry. Writing skills are emphasized through strategies that include writing expository essays, weekly journal responses, personal narratives, and literary analysis.

**Prerequisite:** English 8

**Credit:** 1 Unit (required; substitute includes Honors English 9)

## HONORS ENGLISH 9

**Level: Grade 9**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

Honors English 9 is a fast-paced literature and composition course for highly motivated students in which they explore a multicultural survey of literature and language. Reading selections will be drawn from fiction, nonfiction, plays, and poetry. Students will discuss historical and social themes and their relevance to today's world, analyze literary devices used by authors, and think critically as they interpret and analyze works of literature. Students will write frequently for varying purposes, including literary analysis and synthesis of information. In addition to the reading and writing, students will review and practice grammatical concepts to add strength and clarity to writing. A year-long vocabulary study will help students to develop a broader command of language. Features such as timed writings, cumulative vocabulary, poetry responses, class discussions, presentations, in-depth writing assignments, and at-home reading assignments will prepare students who plan to take a Dual Enrollment course as a junior and/or senior.

**Eligibility Requirements for Honors English 9** Honors English 9 is designed to prepare students for the rigors of Dual Enrollment English. However, admission into Honors English 9 does not guarantee admission into Honors 10, nor does completion of Honors English 9 and Honors 10 classes guarantee admission into Dual Enrollment English.

\*Enrollment is allowed for any student wishing to attempt the rigors of Honors English 9. However, an 80% average must be maintained each quarter in order to remain in the class. Otherwise, the student may be moved to English 9.

**Credit:** 1 Unit (fulfills English 9 requirement)

## ENGLISH 10

**Level: Grade 10**

**NCAA Approved Course**

**Advanced Diploma Approved Course\*\***

**\*\*Please see guidelines for Advanced Diploma on page 11**

English 10 is a basic composition and literature course that focuses on critical thinking, research skills, and an introduction to the analysis of world literature. Emphasis is placed upon the

development of critical thinking and writing skills through reading and writing expository essays as well as the fundamentals of research and documentation. Required writing includes frequent, short expository essays and one research paper. Emphasis is also placed on building vocabulary skills by improving dictionary and thesaurus skills and teaching the concept of “owning a word.” Grammar, mechanics, and usage are stressed in all areas of writing with a focus on editing skills. Critical thinking skills are cultivated in the analysis of novels, short stories, drama, essays, and poetry. Extensive ACT preparation will also be taught.

**Prerequisite:** English 9 or Honors English 9

**Credit:** 1 Unit (required; substitute is Honors English 10)

## HONORS ENGLISH 10

**Level: Grade 10**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

This honors level course will concentrate on world literature and will specifically encourage growth in analytical and research-based writing. The objective of this course is to create thinkers who can effectively write and speak in the English language for a variety of purposes and situations and demonstrate the ability to comprehend and evaluate complex information in selected novels, poetry, plays, and short stories. Literature will be examined through historical, philosophical, cultural, psychological, ethical, and literary perspectives. Extensive ACT preparation will also be taught.

**Prerequisite:** English 9 or Honors English 9

**Eligibility Requirements for Honors English 10** Honors English 10 is designed to prepare students for the rigors of Dual Enrollment English. However, admission into Honors English 10 does not guarantee admission into Dual Enrollment English.

1. Maintained an 85% average in English 9 or an 80% average each quarter in Honors English 9.
2. Standardized test scores indicate success in Honors.
3. Two English teacher recommendations: most recent English teacher must be one.
4. High attendance record.
5. Quality timed-writing sample (if requested by the department)

**Credit:** 1 Unit (fulfills English 10 requirement)

## ENGLISH 11

**Level: Grade 11**

**NCAA Approved Course**

**Advanced Diploma Approved Course\*\***

**\*\*Please see guidelines for Advanced Diploma on page 11**

This course teaches the major modes of English discourse and a survey of American literature.

Students also review the standards in grammar, usage, and rhetorical devices that are necessary for effective writing and for success on standardized tests such as the ACT. Vocabulary study is offered that expands students' working vocabulary, improves their reading comprehension and standardized test scores, and enhances their ability to write successful papers.

**Prerequisite:** English 10 or Honors English 10

**Credit:** 1 Unit (required; substitutes include Honors English 11, DE English 101/102, or AP English 11)

## HONORS ENGLISH 11

**Level: Grade 11**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

This honors level course will concentrate on a survey of American literature and will specifically encourage growth in analytical and research-based writing. The objective of this course is to create thinkers who can effectively write and speak in the English language for a variety of purposes and situations and demonstrate the ability to comprehend and evaluate complex information in selected novels, poetry, plays, and short stories. Literature will be examined through historical, philosophical, cultural, psychological, ethical, and literary perspectives. Students will be well prepared to enroll in either Dual Enrollment English or AP Literature their Senior year.

**See website for Summer Reading Requirement**

**Eligibility Requirements for Honors English 11**

Honors English 11 is designed to prepare students for the rigors of Dual Enrollment English 101/102. However, admission into Honors English 11 does not guarantee admission into Dual Enrollment English.

**Requirements for consideration for Honors English 11**

1. Maintained an 85% average in English 10 or an 80% average each quarter in Honors English 10.
2. Standardized test scores indicate success in Honors.
3. Two English teacher recommendations: most recent English teacher must be one.
4. High attendance record.
5. Quality timed-writing sample (if requested by the department)

**Prerequisite:** English 10 or Honors English 10

**Credit:** 1 Unit (fulfills English 11 requirement)

## AP LANGUAGE & COMPOSITION 11

**Level: Grade 11**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

This course is designed to be the equivalent to an introductory composition course in college and to meet the curricular requirements listed by the College Board. To become skilled readers, students will learn to closely read a variety of texts that range across the disciplines of the sciences as well as the arts. The purpose of the readings will be to examine the writer's subject, audience, and purpose; to analyze how the writer's style and rhetorical strategies achieve that purpose; and to assimilate a variety of texts on the same subjects so that students learn to read discriminately and to make informed judgments about the rhetorical effectiveness of each text. To become skilled writers, students will write in both informal and formal contexts in all of the major modes of discourse. In addition, students will complete a year-long research project on a major essayist or nonfiction writer that will progress in complexity and culminate in the synthesis and presentation of a variety of sources, both printed and visual. Requirement: Must take AP Language exam. Approximate cost is \$91.

**Prerequisites:** Pre-AP English 10 or equivalent

### Requirements for consideration for AP Language

1. Maintained an 80% average each quarter in Pre-AP English 10.
2. Standardized test scores indicate success in AP Language.
3. Two English teacher recommendations: most recent English teacher must be one.
4. High attendance record.
5. Quality timed-writing sample (if requested by the department)

**Requirement:** Must take AP Language exam. Approximate cost is \$91.

**\*Starting during the 2022-2023 school year, a minimum score of 18 on the ACT English portion will be required for enrollment in AP Language.**

If a student meets the requirements for admission into AP Language but does not maintain at least a B-average each quarter, he or she may be transferred into English 11 or Honors English 11.

**Credit:** 1 Unit (fulfills English 11 requirement; provides opportunity to earn college credit depending upon college acceptance of AP scores)

## ENGLISH 12

**Level: Grade 12**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

This course is designed to prepare students for the rigor and scope of college-level reading and writing assignments. A survey of British literature, English 12 focuses on poems, short stories, essays, plays, and novels of major British authors. In conjunction with these readings, students will write for various purposes; students will move from basic levels of interpretation and writing to analysis and synthesis of information. Through frequent and challenging writing, students will gain a greater command of the English language as they learn to respond to and analyze literature, continuing to build style and voice. During this course, students will engage in research at varying levels and must satisfactorily complete a research paper for graduation. Other features of this course are a year-long vocabulary study and a review of grammatical concepts.

**Prerequisite:** English 11, Honors English 11, or AP Language

**Credit:** 1 Unit

## ENGLISH 11/12: DUAL ENROLLMENT/HONORS COMPOSITION

**Level: Grade 11/12**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

**EN 111. First-Year Composition I** - An introduction to expository writing, rhetoric, and reading. The acquisition of the basic skills in standard English is stressed.

**EN 112. First Year Composition II** - A continuation of training in expository writing and reading, stressing the acquisition of higher-level skills in standard English and the introduction to the basic tools and processes of academic research.

Note: Students must earn a 70 average for each semester to receive college credit for the class.

**Requirements:** Students choosing to enroll in a dual enrollment course must meet the admission requirements set by the credit awarding institution. Enrolled students are responsible for paying any applicable course fees charged by the institution of higher education prior to enrollment

**Prerequisites:** English 10, Honors English 10, English 11, Honors English 11 or AP English 11

To be considered for acceptance in Dual Enrollment Composition 111/112, a student must meet the following criteria:

1. Maintained an 85% average in English 10/11 or an 80% average in Honors English 10/11 or AP Language.
2. Recommendation from the Sophomore/Junior English teacher

**Credit:** 1 Unit

## AP ENGLISH LITERATURE & COMPOSITION 12

**Level:** Grade 12

**NCAA Approved Course**

**Advanced Diploma Approved Course**

AP Literature is designed to be a rigorous course, equivalent to an introductory literature course in college. Through the close reading of literary texts, specifically novels and poetry, students will ultimately understand how writers purposefully use language to engage and answer the big questions in life. Through careful explication of literature, students will see how each piece “measures up” and fits in--in its time period and in all time. Literary analysis will involve looking through the lenses of style and structure, rhetorical strategies, diction, figurative language, imagery, detail, development, tone, and syntax. Through frequent and challenging writing, students will gain a greater command of the English language as they learn to respond to, interpret, and analyze literature. Also important to this course are vocabulary study and literary terms. AP Literature is designed for highly motivated students who wish to enhance themselves academically by taking an accelerated curriculum.

Eligibility Requirements for AP Language and/or AP Literature/Dual Enrollment

AP Language and AP Literature/Dual Enrollment are college-level courses that are extremely rigorous and require both student commitment to the heavy workload and student ability, which is measured by success in Pre-AP and standardized test scores such as the PSAT, PLAN or ACT.

If a student meets the requirements for admission into AP English but does not maintain at least a B-average each quarter, he or she may be transferred into English 11 or English 12.

**Requirements for consideration for AP Literature** 1. Maintained an 80% average in AP Language each quarter 2. Standardized test scores indicate success in AP Literature. 3. Two English teacher recommendations: most recent English teacher must be one

4. High attendance record

5. Timed-writing sample (if requested by the department)

**Requirement:** Must take AP Literature exam. Approximate cost is \$91.

**See website for Summer Reading Requirement**

**Prerequisite:** AP Language

**Credit:** 1 Unit

## ENGLISH 12: DUAL ENROLLMENT/HONORS SURVEY OF BRITISH LITERATURE

**Level:** Grade 12

**NCAA Approved Course**

**Advanced Diploma Approved Course**

Dual Enrollment ENG 211/212 The first semester of this class will examine the development of British literature as an expression of British culture from Beowulf through Neoclassicism. The second semester will be a continuation of English 211 from the Pre-Romantics to the present.

Note: Students must earn a 70 average for each semester to receive college credit for the class.

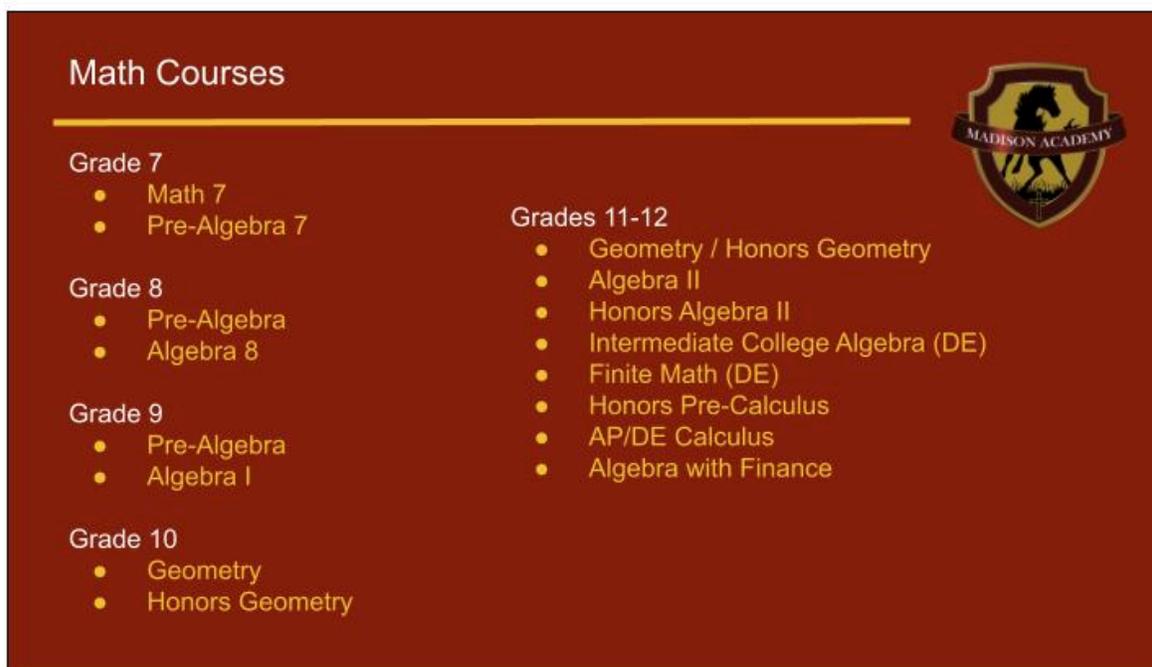
**Additional Requirements:** Students choosing to enroll in a dual enrollment course must meet the admission requirements set by the credit awarding institution. Enrolled students are responsible for paying for any applicable course fees charged by the institution of higher education prior to enrollment

**Prerequisites:** Dual Enrollment English 111/112

To be considered for acceptance in Dual Enrollment Composition 211/212, a student must meet the following criteria:

1. Maintained an 70% average in Dual Enrollment English 111/112.
2. An 18 or higher on the English portion of the ACT
3. Recommendation from the Junior English teacher

**Credit:** 1 Unit (satisfies English 12 requirement for high school; provides college credit depending upon college acceptance of transfer credits)



The slide features a dark red background with a gold horizontal line. The title 'Math Courses' is in white. The Madison Academy logo, a shield with a horse and the text 'MADISON ACADEMY', is in the top right. The course lists are in gold text.

### Math Courses

- Grade 7**
  - Math 7
  - Pre-Algebra 7
- Grade 8**
  - Pre-Algebra
  - Algebra 8
- Grade 9**
  - Pre-Algebra
  - Algebra I
- Grade 10**
  - Geometry
  - Honors Geometry
- Grades 11-12**
  - Geometry / Honors Geometry
  - Algebra II
  - Honors Algebra II
  - Intermediate College Algebra (DE)
  - Finite Math (DE)
  - Honors Pre-Calculus
  - AP/DE Calculus
  - Algebra with Finance

## MATH COURSES

### MATH 7

**Level: Grade 7**

Math 7 focuses on developing a deeper understanding of core mathematical concepts and their real-world applications. Students will explore rational numbers, ratios, proportions, and percentages,

while building proficiency in algebraic expressions, equations, and inequalities. Geometry topics include scale drawings, area, surface area, volume, and angle relationships. In statistics and probability, students will analyze data, calculate measures of central tendency, and understand probability concepts. The course also introduces foundational ideas in functions and linear relationships, fostering critical thinking and problem-solving skills to prepare students for advanced math coursework.

**Prerequisite:** Successful completion of Grade 6 Math

## PRE-ALGEBRA 7

### Level: Grade 7

PreAlgebra 7 is designed to give students a firm foundation in mathematical concepts needed to prepare them for Algebra I. This study includes basic operations of integers and rational numbers. It also includes simplifying, evaluating, solving and graphing equations and inequalities. Other topics include rates, ratios, proportions, percents and data analysis . It also introduces functions, exponents, square roots and scientific notation. The geometry section includes identifying geometric shapes and using the different geometric formulas. At the Honors Level, the distance formula, special right triangles, dilations, indirect measurement, circle graphs, graphing systems of equations, linear and nonlinear functions are all introduced.

**Recommendation:** A student making less than 80 will not meet the prerequisite for 8th Grade Algebra. Students will take Pre-Algebra in the 8th grade.

**Prerequisite:** Placement will be based on students' current Math 6 grades, aptitude test scores, achievement test scores, and standardized test scores.

## PRE-ALGEBRA

### Level: Grades 8-9

PreAlgebra is designed to give students a firm foundation in mathematical concepts needed to prepare them for Algebra I. This study includes basic operations of integers and rational numbers. It also includes simplifying, evaluating, solving and graphing equations and inequalities. Other topics include rates, ratios, proportions, percents and data analysis. It also introduces functions, exponents, square roots and scientific notation. The geometry section includes identifying geometric shapes and using the different geometric formulas.

**Prerequisites:** Math 7

**Credit:** 1 Unit (if taken to fulfill 9<sup>th</sup> grade math requirement)

**Note:** Eighth graders who do not successfully complete PreAlgebra with a 70 or better may be required to repeat the course as a 9th grader for course credit. Students who do not complete this course with a 70 or above are not considered to have demonstrated mastery of these foundational math skills.

## Eighth Grade ALGEBRA

### Level: Grade 8

In this course students increase their awareness of the number system, learn foundations of Algebra and Geometry, and investigate patterns of association. Algebra foundations include integer exponents, proportional and nonproportional relationships, solving linear equations and systems, and using functions to model relationships. Geometry foundations include understanding congruence and

similarity, analyzing angle relationships, understanding and applying the Pythagorean Theorem, and solving real world mathematical problems involving volume.

Honors Algebra I is a rigorous course that will challenge students' thinking and organization of information.

**Recommendation:** Each student must maintain an overall average of 85 to proceed to Honors Geometry. Otherwise, the student will proceed to regular Geometry. An 8th grade student making less than 75 may be required to repeat Algebra I in the 9th grade.

**Prerequisite:** Completion of PreAlgebra 7 with an overall average of 80 and teacher recommendation.

**Credit:** No Credit awarded for Algebra 1 taken in 8th grade

## ALGEBRA I

**Level: Grades 9-10**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

Algebra I is designed to give students the requisite skills that provide a foundation for all future mathematics courses. Students will study algebraic foundations, polynomials, probability, exponents, data analysis, rational expressions and radical expressions. The students will learn to write, solve, and graph linear equations and inequalities, quadratic equations, systems of equations and inequalities, and absolute-value equations and inequalities. Throughout the course, mathematical concepts will be taught with an emphasis on real-world application.

**Prerequisites:** Pre-Algebra

**Credit:** 1 Unit (required)

## GEOMETRY

**Level: Grades 10-11**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

Geometry emphasizes understanding and applying the principles of shapes, space, and their relationships. Students will explore concepts such as congruence, similarity, and transformations, as well as geometric proofs involving angles, lines, and triangles. The course covers properties and theorems related to polygons, circles, and three-dimensional figures, including calculations of perimeter, area, surface area, and volume. Students will also study coordinate geometry, trigonometric ratios, and real-world problem-solving applications, developing logical reasoning and spatial visualization skills essential for advanced mathematics.

**Recommendation:** Each student must maintain an overall average of 90 to proceed to Honors Algebra II. Otherwise, the student will proceed to Algebra II.

**Prerequisites:** Algebra I

**Credit:** 1 Unit (required)

## HONORS GEOMETRY

**Level: Grades 9-10**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

In the content area of Geometry and Measurement, students build on and deepen prior understanding of transformations, congruence, similarity, and coordinate geometry concepts. Informal explorations of transformations provide a foundation for more formal considerations of congruence and similarity, including development of criteria for triangle congruence and similarity. An emphasis on reasoning and proof throughout the content area promotes exploration, conjecture testing, and informal and formal justification.

Students perform algebraic calculations with specific application to geometry that build on foundations of algebra. In the Data Analysis, Statistics, and Probability content area, students build from earlier experiences in analyzing data and creating linear models to focus on univariate quantitative data on the real number line (shape, center, and variability) and bivariate quantitative data on a coordinate plane (creating linear models).

**Recommendation:** Each student must maintain an overall average of 80 in Honors Geometry to proceed to Honors Algebra II. Otherwise, the student will proceed to Algebra II.

**Prerequisite:** Completion of Honors Algebra I with a minimum grade of 85 or completion of Algebra I with a minimum grade of 90, and teacher recommendation.

**Credit:** 1 unit

## ALGEBRA II

**Level: Grades 10-12**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

Algebra II contains a more in-depth study of concepts presented in Algebra I while introducing several higher level concepts. Topics covered include: linear equations, polynomials, systems of equations and inequalities, complex numbers, exponential functions, logarithmic functions, quadratic equations, matrices, radical equations, nonlinear equations and inequalities, and function graphing. Trigonometric topics include: right triangle ratios, solving general triangles using the Law of Sines and Law of Cosines, area of oblique triangles, solving trigonometric equations, graphing, and verifying identities.

**Recommendation:** A student who wishes to take Algebra II and Geometry concurrently must have an "A" semester average in all previous math courses.

**Prerequisite:** Completion of Algebra I and Geometry with a minimum overall average of 75 and teacher recommendation.

**Credit:** 1 unit

Note: Algebra II or Honors Algebra II is required for graduation. Students may not receive credit for both courses.

## HONORS ALGEBRA II

**Level: Grades 10-12**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

Honors Algebra II is an advanced Algebra II course which contains a more in-depth study of concepts presented in Algebra I while introducing several higher level concepts. Honors students will be required to derive formulas and develop more complex critical thinking skills and problem solving. Algebra topics covered include the following: linear equations, polynomials, systems of equations and inequalities, complex numbers, exponential functions, logarithmic functions, quadratic equations, using matrices to solve linear systems, radical equations, nonlinear equations and inequalities, and function graphing. Direct variation, inverse functions, and composition of functions will also be studied. This course also includes conic sections, sequences/series, and probability/statistics. Trigonometric topics include: right triangle ratios, solving general triangles using the Law of Sines and Law of Cosines, area of oblique triangles, solving trigonometric equations, graphing, and verifying identities.

**Recommendation:** A student who wishes to take Algebra II and Geometry concurrently must have an “A” semester average in all previous math courses.

**Prerequisite:** Completion of Algebra I and Geometry with a minimum overall average of 90 and teacher recommendation OR completion of Honors Geometry with a minimum overall average of 80.

**Credit:** 1 unit

## INTERMEDIATE COLLEGE ALGEBRA (DE MTH100) / FINITE MATHEMATICS (DE MTH110)

**Level: Grades 11-12**

**NCAA Approval Pending (12/20)**

**Advanced Diploma Approved Course**

Intermediate College Algebra provides a study of algebraic concepts such as laws of exponents, polynomial operations, factoring polynomials, radical and rational expressions and equations, and quadratic equations. Functions and relations are introduced and graphed. This course does not apply toward the general core requirement for mathematics. Finite Mathematics provides an overview of topics in finite mathematics together with their applications and is intended for students who are not majoring in science, engineering, commerce, or mathematics (i.e., students who are not required to take calculus). The course introduces logic, set theory, counting techniques, basic probability, statistics, and personal finance. *This course qualifies for the dual enrollment GPA boost.*

**Requirement for DE MTH 100/110:** Minimum of 18 ACT Math score and completion of Algebra II or Algebra II Honors.

**Additional Requirement:** Students choosing to enroll in a dual enrollment course must meet the admission requirements set by the credit awarding institution. Enrolled students are responsible for paying for any applicable course fees charged by the institution of higher education prior to enrollment.

**Prerequisite:** For Finite Math completion of Intermediate College Algebra is required

**Note:** Students may complete this course before MTH112/MTH113 but NOT after.

**Credit:** 1 Unit

**HONORS PRECALCULUS: DE MATH 112/113**  
**Math 112 and Math 113 are offered through Calhoun**

**Level: Grades 11-12**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

Honors PreCalculus includes advanced algebra, trigonometry, and pre-calculus concepts. The advanced algebra topics include matrices and determinants, polynomial functions and graphs, inverse functions, and probability. The trigonometric topics include trigonometric functions, identities, and formulas; circular functions and inverses; polar coordinates; and graphing trigonometric functions. PreCalculus topics include vector operations, conics, logarithmic functions, exponential functions, and sequences and series.

**Requirement:** graphing calculator (See teacher for Model #).

**Requirement for DE MTH 112:** Minimum of 20 ACT Math score and completion of Algebra II.

**Requirement for DE MTH 113:** Minimum of 20 ACT Math score and completion of Algebra II or completion of DE MTH 112.

**Additional Requirement:** Students choosing to enroll in a dual enrollment course must meet the admission requirements set by the credit awarding institution. Enrolled students are responsible for paying for any applicable course fees charged by the institution of higher education prior to enrollment

**Prerequisite:** Algebra I, Geometry and Algebra II with a minimum grade of 90 or completion of Honors Algebra II and teacher recommendation.

**Note:** Students may not take a lower level math course upon completion of MTH112/MTH113.

**Credit:** 1 unit

**HONORS AP/DE CALCULUS: DE MATH 125 (second semester)**  
**Math 125 is offered through Calhoun**

**Level: Grade 12**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

Students may choose one of 3 options when taking Calculus.

Honors Calculus: covers the concepts listed below.

AP: This course is intended for students to earn Advanced Placement credit by taking the AP Calculus AB exam. The topics covered include functions and transformations, limits and continuity, derivatives and applications, integrals and applications, differential equations and mathematical modeling. Emphasis will be placed on the problems associated with the AP exam.

DE: This course will cover precalculus concepts as a review as well as calculus concepts required for a Calculus I college course credit. Topics covered include the limit of a function; the derivative of algebraic, trigonometric, exponential and logarithmic functions; and the definite integral and its basic applications to area problems. Applications of the derivative are covered in detail, including approximations of error using differentials, maximum and minimum problems and curve sketching using calculus.

**Requirement:** graphing calculator (TI-84 Plus is preferred).

**Requirement for DE MTH 125:** Minimum of 20 ACT Math score and completion of Precalculus or completion of DE MTH 113.

**Additional Requirement:** Students choosing to enroll in a dual enrollment course must meet the admission requirements set by the credit awarding institution. Enrolled students are responsible for paying for any applicable course fees charged by the institution of higher education prior to enrollment.

**Prerequisite:** PreCalculus with a minimum grade of 80 and teacher recommendation.

**Credit:** 1 Unit (provides opportunity to earn college credit depending upon college acceptance of AP scores)

## ALGEBRA WITH FINANCE

**Level: Grade 12**

**NCAA Approved Course**

Algebra with Finance is a one-credit college and career preparatory course that integrates algebra, probability and statistics, and geometry to solve financial problems that occur in everyday life.

Real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting and planning for retirement are solved by applying the relevant mathematics that are taught at a higher level.

**Prerequisites:** Algebra I, Geometry, and Algebra II

**Credit:** 1 Unit

## Science Courses



### Grade 7

- Science 7

### Grade 8

- Science 8

### Grade 9

- Biology
- Honors Biology

### Grades 10-12

- Physical Science
- Honors Human Anatomy and Physiology
- Honors Chemistry I
- Honors Chemistry II
- AP Physics C: Mechanics
- AP Biology
- Dual Enrollment Biology
- Forensic Science
- Environmental Science

## SCIENCE COURSES

### SCIENCE 7

**Level: Grade 7**

The Science 7 course provides unit studies in the areas of biology and chemistry. Topics covered include cells and heredity, the Animal Kingdom, and human biology and health. Also included is a week-long field study at Dauphin Island Sea Lab.

**Requirements:** No class fee. Dauphin Island field study trip is an additional cost.

**Prerequisite:** Science 6

### SCIENCE 8

**Level: Grade 8**

The Science 8 course provides unit studies in the areas of chemistry and physics. Topics covered include chemical interactions, motion, forces, energy, electricity, and magnetism.

**Requirements:** No fee, but students are asked to furnish certain items for some lab activities.

**Prerequisite:** Science 7

### BIOLOGY I

**Level: Grade 9**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

Biology I introduces students to key biological concepts. Topics covered include basic chemistry, biochemistry, cell structure, homeostasis, photosynthesis, cell reproduction, cellular respiration, fundamentals of genetics, bacteria, viruses, protozoa, algae, fungi, plants, and the interdependence of living organisms. Laboratory work provides practical applications of the concepts taught.

**Prerequisite:** Grade 8 Science

**Credit:** 1 Unit (required)

## HONORS BIOLOGY I

**Level:** Grade 9

**NCAA Approved Course**

**Advanced Diploma Approved Course**

Biology I introduces students to key biological concepts. Topics covered include basic chemistry, biochemistry, cell structure, homeostasis, photosynthesis, cell reproduction, cellular respiration, fundamentals of genetics, bacteria, viruses, protozoa, algae, fungi, plants, and the interdependence of living organisms. Laboratory work provides practical applications of the concepts taught.

**Prerequisite:** Grade 8 Science

**Credit:** 1 Unit (required)

**Requirements for consideration for Honors Biology I**

**Students must have a 90 average in 8th grade science and an 8th grade science teacher recommendation.**

## PHYSICAL SCIENCE

**Level:** Grade 10-12

**NCAA Approved Course**

Physical Science introduces students to important concepts in chemistry and physics. Chemistry, which is covered during the first semester, provides an overview of matter and various changes it undergoes. Physics topics covered during the second semester include motion, energy, waves, and electricity. Activities that introduce laboratory techniques are an integral part of this course.

**Note:** Credit previously earned in Chemistry or Physics prohibits credit in this course.

**Prerequisite:** Biology I

**Credit:** 1 Unit

## HONORS HUMAN ANATOMY AND PHYSIOLOGY

**Level:** Grades 10-12

**NCAA Approved Course**

**Advanced Diploma Approved Course**

Human Anatomy and Physiology is an advanced life science study of the structure and function of the major body systems. Emphasis is placed on tissue classification, organ structure and function, biological processes required by properly functioning systems, and major disorders that can occur in each system. Lab work includes the dissection of a mammal and selected mammalian organs.

**Prerequisite:** Biology I (an average of 75 for each semester in Biology I) and teacher approval

**Credit:** 1 unit (also fulfills Health requirement)

## HONORS CHEMISTRY I

**Level: Grades 10-12**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

The study of Chemistry provides a key understanding of the composition, properties, and changes of matter. Topics that are covered in this college preparatory course include atomic structure, periodic law, chemical bonding, naming compounds, writing chemical formulas, reaction stoichiometry, gas laws, solutions, acids and bases. Emphasis is placed on learning techniques for making laboratory investigations, critical thinking, and problem-solving.

**Note:** Credit in regular chemistry disqualifies a student from Honors Chemistry I.

**Requirement:** Calculator

**Prerequisite:** Algebra II/Trig (previously or concurrently being taken) and teacher approval.

**Credit:** 1 unit

## HONORS CHEMISTRY II (INORGANIC)

**Level: Grade 11-12**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

This course is designed for the science or engineering major who is expected to have a strong background in mathematics. Topics in this course include measurements, nomenclature, stoichiometry, atomic structure, equations and reactions, basic concepts of thermochemistry, chemical and physical properties, bonding, molecular structure, gas laws, kinetic-molecular theory, condensed matter, solutions, colloids, chemical kinetics, chemical equilibria, acids and bases, ionic equilibria of weak electrolytes, solubility product principle, chemical thermodynamics, electrochemistry, oxidation-reduction, nuclear chemistry, atmospheric chemistry, and selected topics in descriptive chemistry.

**Requirement:** Calculator and laboratory time

**Prerequisite:** Honors Chemistry I (B average both semesters) and teacher approval

**Credit:** 1 unit

## HONORS ORGANIC CHEMISTRY

**Level: Grade 11-12**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

This course is designed for the student pursuing a college major in science, chemical engineering, or pre-med (such as medicine, dentistry, pharmacy, physical therapy, or veterinary medicine). Students will receive a strong foundation in Organic Chemistry, which will prepare them for work in the challenging course at the college level. Topics in this course include an in-depth study of the structure, function, and uses of alkanes, alkenes, alkynes, aromatic hydrocarbons, alcohols, phenols, aldehydes, ketones, carboxylic acids, esters, amides, amines, carbohydrates, lipids, and proteins. Nomenclature, isomerism, molecular formulas, chirality, chemical and physical properties, chemical bonding, reaction synthesis, and reaction mechanisms will also be emphasized.

**Requirement:** Calculator and laboratory time

**Prerequisite:** Honors Chemistry I (B average both semesters) and teacher approval

**Credit:** 1 unit

## AP PHYSICS C: Mechanics

**Level: Grades 11-12**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

AP Physics C: Mechanics is a one-semester course that is taught across a full year. This course is a college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences (medicine) or engineering. Students cultivate their understanding of physics through classroom study and activities as well as hands-on laboratory work as they explore concepts like change, force interactions, fields, and conservation.

**Requirement:** Graphing Calculator

**Prerequisite:** Honors PreCalculus and teacher approval.

**Corequisite:** AP Calculus

**Credit:** 1 Unit

## DE BIOLOGY

**Level: Grades 11-12**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

DE Biology is a rigorous, college-level course that provides an in-depth study of fundamental biological concepts, including cellular structure and function, metabolism, genetics, evolution, ecology, and the unity and diversity of life. Emphasis is placed on scientific inquiry, laboratory investigation, data analysis, and critical thinking aligned with postsecondary expectations. Students will develop skills in experimental design, scientific writing, and ethical reasoning in the biological sciences.

Note: Students must earn a 70 average for each semester to receive college credit for the class.

**Additional Requirements:** Students choosing to enroll in a dual enrollment course must meet the admission requirements set by the credit awarding institution. Enrolled students are responsible for paying for any applicable course fees charged by the institution of higher education prior to enrollment

**Prerequisite:** Biology (an average of 85 each semester) Teacher approval is required.

**Credit:** 1 Unit (provides opportunity to earn college credit)

## FORENSIC SCIENCE Offered 2026-2027 School Year

**Level: Grades 11-12**

**NCAA Approved Course**

Forensic Science is designed to explore the science of crime-scene analysis with real-life application of Biology, Chemistry, and Physics. The course will include a focus on solving high-level problems, crime-scene management, fingerprint collection and analysis, forensic anthropology, forensic odontology, forensic pathology, and blood splatter analysis.

This course will be offered every other year, alternating with Environmental Science.

**Prerequisite:** Biology I and a physical science (physical science or chemistry)

**Credit:** 1 Unit

## ENVIRONMENTAL SCIENCE

Offered 2027-2028 School Year

**Level:** Grades 11-12

**NCAA Approved Course**

Environmental Science is a lab-based science course based on the Earth and human activity. Topics covered in this course include natural resources, natural hazards, human impact on Earth systems, and global climate change. This course incorporates the scientific and engineering practices reflecting the scientific processes used in science, technology, engineering, and mathematics (STEM) fields. The Environmental Science content standards provide a depth of conceptual understanding to adequately prepare students for college, career, and citizenship with an appropriate level of scientific literacy. This course will be offered every other year, alternating with Forensic Science.

**Prerequisite:** Biology I and a physical science (physical science or chemistry)

**Credit:** 1 Unit



The poster features a dark red background with a gold horizontal line. The title "Social Science (History) Courses" is in white. The Madison Academy logo, a shield with a horse and the text "MADISON ACADEMY", is in the top right. Course lists are organized by grade level:

- Grade 7**
  - History 7
- Grade 8**
  - History 8
- Grade 9**
  - World History
  - Honors World History
- Grade 10**
  - United States History I
  - Honors United States History I
- Grades 11**
  - United States History II
  - Honors / Dual Enrollment United States History II
- Grade 12**
  - United States Government and Economics

## SOCIAL SCIENCE (HISTORY) COURSES

### HISTORY 7

**Level:** Grade 7

**World History and Geography: Geographic Principles and Ancient Civilizations**

World History and Geography: Geographic Principles and Ancient Civilizations is the first course in a three-course world history and geography sequence consisting of the study of prehistory through the Roman Empire, with an emphasis on the development of Western civilization. This broad survey of

ancient civilizations and cultures is viewed through a variety of disciplinary lenses, including civics and economics. Because geography encompasses the study of places and the relationships between people and their environments, studying geography increases students' comprehension of global connections and helps them expand their knowledge and understanding of a wide variety of cultures. The analytical study of other cultures enables students to develop necessary skills to be knowledgeable, responsible, and engaged citizens, as well as providing a foundation for students to think critically about the forces that combined to shape the world today.

**Prerequisite:** Social Science 6

## HISTORY 8

**Level: Grade 8**

**World History and Geography: Middle Ages to Enlightenment**

World History and Geography: Middle Ages to the Enlightenment continues the world history and geography sequence with study of the period from the fall of the Western Roman Empire to the Enlightenment. This course focuses on the study of the early modern world through a variety of disciplinary lenses, including civics and economics, with an emphasis on the development of Western civilization. Geographic concepts embedded in the course seek to increase students' understanding of global interconnectedness. Because geography encompasses both the study of places and the relationships between people and their environments, studying geography increases students' comprehension of global connections and helps them expand their knowledge and understanding of a wide variety of cultures. The analytical study of the various people, events, ideas, and innovations within this period enables students to develop necessary skills to be knowledgeable, responsible, and engaged citizens and to reflect critically on the forces that shape the modern world.

**Prerequisite:** Social Science 7

## WORLD HISTORY

**Level : Grade 9**

**World History and Geography: Age of Revolution to Present**

**NCAA Approved Course**

World History and Geography: Age of Revolution to Present is a one-credit course that concludes the three-course world history and geography sequence, covering the period from the Age of Revolution to the present day with an emphasis on Western civilization. It examines the Modern Era through a variety of disciplinary lenses, including civics and economics.

Geographic concepts are included to help students comprehend contemporary globalization. Because geography encompasses both the study of places and the relationships between people and their environments, learning about it increases students' comprehension of global connections and helps them expand their knowledge and understanding of a wide variety of cultures. The analytical study of the various people, events, ideas, and developments that occurred during this period enables students to develop necessary skills to become informed, productive, and responsible citizens. This culminating course in the world history and geography sequence requires students to reflect on the past as a means of understanding the political, geographic, and economic systems that surround them.

**Prerequisite:** Social Science 8.

**Credit:** 1 Unit (required)

## HONORS WORLD HISTORY

**Level: Grade 9**

**World History and Geography: Age of Revolution to Present**

**NCAA Approved Course**

World History and Geography: Age of Revolution to Present is a one-credit course that concludes the three-course world history and geography sequence, covering the period from the Age of Revolution to the present day with an emphasis on Western civilization. It examines the Modern Era through a variety of disciplinary lenses, including civics and economics.

Geographic concepts are included to help students comprehend contemporary globalization. Because geography encompasses both the study of places and the relationships between people and their environments, learning about it increases students' comprehension of global connections and helps them expand their knowledge and understanding of a wide variety of cultures. The analytical study of the various people, events, ideas, and developments that occurred during this period enables students to develop necessary skills to become informed, productive, and responsible citizens. This culminating course in the world history and geography sequence requires students to reflect on the past as a means of understanding the political, geographic, and economic systems that surround them. Student focus will be placed on using historical thinking skills of causation, comparison, and change and continuity across time. Student engagement will consist of primary and secondary source analysis, complex thinking, and extensive writing, including reading outside of the classroom. This course will build the skills of students in order to be successful in Honors US History 1 (grade 10).

**Prerequisite:** World History 1 (8th grade)

**Eligibility Requirements:** For Honors World History II: 90% average in World History 1 and an 85% average in English 8

**Credit:** 1 Unit (required)

## US HISTORY I

**Level: Grade 10**

**United States History I: Revolution to Progressive Era**

**NCAA Approved Course**

United States History I: Revolution to Progressive Era is a one-credit course that explores the ideological origins and key events of United States history from the American Revolution through the Progressive Era. The course traces the development and evolution of the United States through the nineteenth century and into the twentieth, illustrating the growth of the American nation and the challenges it faced as viewed from both national and Alabama perspectives.

The course emphasizes the skills needed to analyze this period of history. Students will develop critical thinking skills, analyze primary and secondary sources, and evaluate different historical perspectives. Content is designed to increase students' understanding of how this period shaped the United States and their ability to connect historical events to current events.

**Prerequisite:** Social Science 9.

**Credit:** 1 Unit (required)

## HONORS US HISTORY I

**Level: Grade 10**

**United States History I: Revolution to Progressive Era**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

United States History I: Revolution to Progressive Era is a one-credit course that explores the ideological origins and key events of United States history from the American Revolution through the Progressive Era. The course traces the development and evolution of the United States through the nineteenth century and into the twentieth, illustrating the growth of the American nation and the challenges it faced as viewed from both national and Alabama perspectives.

The course emphasizes the skills needed to analyze this period of history. Students will develop critical thinking skills, analyze primary and secondary sources, and evaluate different historical perspectives. Content is designed to increase students' understanding of how this period shaped the United States and their ability to connect historical events to current events. Classroom focus will be placed on advanced analysis of key historical events, important figures in US history, and making connections across time and place. Students will engage in exploring historical thinking skills such as comparing, causation, and change and continuity across time. Students will gain insight into America's development as a country and how we fit into the global picture. This course will contain deeper content, higher academic writing, and reading a novel outside of class each semester.

**Prerequisite: Regular or Honors World History 9 (see below for grade requirements)**

**Eligibility Requirements for Honors US History I**

\* Honors US History I will prepare students for Dual Enrollment US History II in the 11th grade.\*

1. Maintained an 85% average in **Honors** English 9 or a 90% average in **Regular** English 9.
2. 85% or higher in **Honors** World History II or a 90% average in **Regular** World History I

**Credit:** 1 Unit (required)

## US HISTORY II: WWI-PRESENT

**Level: Grade 11**

**NCAA Approved Course**

United States History II: World War I to Present is a one-credit course that focuses on the modern history of the country with a strong emphasis on expanding students' understanding of American principles. The course begins with America's entry into World War I as a recognized world power and offers a chronological study of major events, issues, movements, individuals, and groups in the twentieth and twenty-first centuries, viewed from both national and Alabama perspectives. The course emphasizes the skills needed to analyze this period of history. Standards challenge students to develop critical thinking skills, analyze primary and secondary sources, and evaluate different historical perspectives, leading to greater understanding of how this period shaped the United States and fostering the ability to connect historical events to current affairs.

**Prerequisite:** Social Science 10

**Credit:** 1 unit (required)

## HONORS/DE U.S. HISTORY II

**Level: Grade 11**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

United States History II: World War I to Present is a one-credit course that focuses on the modern history of the country with a strong emphasis on expanding students' understanding of American principles. The course begins with America's entry into World War I as a recognized world power and offers a chronological study of major events, issues, movements, individuals, and groups in the twentieth and twenty-first centuries, viewed from both national and Alabama perspectives. The course emphasizes the skills needed to analyze this period of history. Standards challenge students to develop critical thinking skills, analyze primary and secondary sources, and evaluate different historical perspectives, leading to greater understanding of how this period shaped the United States and fostering the ability to connect historical events to current affairs.

**Requirements: Honors US History 10 with a grade of 80, a minimum GPA of 3.0 OR a 22 or higher composite score on the ACT (or equivalent placement score)**

**Additional Requirement:** Students choosing to enroll in a dual enrollment course must meet the admission requirements set by the credit awarding institution. Enrolled students are responsible for paying for any applicable course fees charged by the institution of higher education prior to enrollment; **If a student falls below the C requirement for the first semester, the student will be moved to grade level History.**

**Prerequisite:** Social Science 10

**Credit:** 1 unit

## U.S. GOVERNMENT AND ECONOMICS

**Level: Grade 12**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

**United States Government** is a required, half-credit course which pairs with another half-credit course, Economics, to provide twelfth grade students with a deeper understanding of the systems, processes, and institutions that shape the modern world. The goal of United States Government is to help students understand how the American government functions, the ideas and circumstances that shaped it, and its form today. Key elements of the course include the study of the Constitution, the three branches of government, the role of linkage institutions, and federalism. Mastering the knowledge and skills in this course enables students to better understand the issues being deliberated by today's state and national governments and to comprehend their own role as responsible citizens in this process.

**Prerequisite:** Social Science 11

**Credit:** ½ Unit (required)

**Economics** is a required, half-credit course paired with United States Government (also half-credit) to provide twelfth grade students with a deeper understanding of the systems, processes, and institutions that shape modern life. Economics is designed to help students understand how economies function, recognize economic and social problems, and evaluate the costs and benefits of choices. Key elements

of the course include the study of scarcity, supply and demand, trade, market structures, money and the role of financial institutions, and the role of government. Mastering the knowledge and skills in this course enables students to anticipate changes in economic conditions and take appropriate action to improve their own lives and society as a whole.

**Prerequisite:** Social Science 11

**Credit:** ½ Unit (required)

Electives



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**Visual Arts**

- Art 7-8
- Art I
- Art II
- Art III
- Portfolio Art

**Performing Arts**

- Band 7-8
- Color Guard and Expression
- Marching Band
- Chorus 7-8
- Chorus 9-12
- Middle School Theater
- High School Theater Performance
- Theater and Event Technical Development

## ELECTIVES

### FINE ARTS - VISUAL ARTS

#### ART 7-8

**Level: Grades 7-8**

**Middle School Art**

Middle School Art will be a review and refinement of experiences of Middle School Art 6. Students will explore elements and principles of visual arts through the understanding and application of various media, techniques and processes. Using hands-on activities students will increase their potential to think creatively, solve problems and communicate ideas, feelings and experiences in two and three-dimensional works involving both fine and applied forms. Students will study perspective,

concentrating on size, overlapping, composition and balance. Drawing will continue to be emphasized with attention being focused on light and shading. Students will experience and study visual images from various cultures, and discuss the characteristics of these images as they pertain to their own works and the works of others. Students will identify similar vocabulary and concepts among the art disciplines.

**Prerequisite:** None

**Credit:** None

### **ART I- Foundations of Art**

**Level: Grades 9-12**

Art 1 is an introductory studio course that establishes the essential skills needed for success in upper-level art classes. Students receive structured instruction in fundamental art processes, artistic theories, and key historical developments. As a studio-centered course, most class time is dedicated to creating artwork. Students will explore a variety of dry and wet media with an emphasis on developing technical proficiency and confidence in foundational drawing and design skills.

**Prerequisite:** None

**Credit:** 1 Unit

### **ART II-Intermediate Art Studies**

**Level: Grades 10-12**

Art 2 continues to build on the skills developed in Art 1. Students will expand their knowledge of color theory and work with a range of media, including acrylic paint, watercolor, colored pencil, oil pastel, and chalk pastel. The course emphasizes drawing from observation and introduces basic figure drawing. Students refine craftsmanship, strengthen visual communication skills, and broaden their understanding of artistic techniques and materials.

Prerequisite: A B average or higher in Art 1 and teacher approval, based on demonstrated skill development, work ethic, and readiness for more rigorous study.

**Prerequisite:** Art I

**Credit:** 1 Unit

### **Art 3- Advanced Studio Art**

**Level: Grades 11-12**

Art 3 is an advanced course for students who have successfully completed Art 1 and Art 2. With established proficiency in both dry and wet media, students will further investigate materials, artistic intent, and personal expression. Emphasis is placed on ideation, planning, and reflective practice through the use of Process Journals/Sketchbooks. Students will have increased choice of media for project work, engage in collaborative discussions, and participate in structured critiques to develop a mature and informed artistic voice.

**Prerequisites:** A/B average or higher in the preceding art course and teacher approval, based on demonstrated skill development, work ethic, and readiness for advanced, independent study. Art 1 and Art 2 are prerequisites for this class as well.

**Credit:** 1 Unit

### **PORTFOLIO ART**

**Level: Grade 12**

This is an advanced course for the serious-minded art student. Students will develop a portfolio of expressive works that demonstrate quality, concentration, and breadth of personal expression in one or

more of the following areas: Drawing, Painting, and Mixed Media. Career options and colleges are discussed as part of the course.

**Prerequisite:** Prerequisite: A B average or higher in the preceding art course and teacher approval, based on demonstrated skill development, work ethic, and readiness for advanced, independent study. Art I, Art 2, and Art 3 are prerequisites for this course as well. Portfolio requirement - 3 pieces of art that includes a one paragraph critique (template provided) for each piece. A two paragraph explanation of what the student intends to accomplish in the class.

**Credit:** 1 Unit

## FINE ARTS - PERFORMING ARTS

*The courses listed below require performances in front of a live audience and may require before and/or after school rehearsals and performances. They also require additional costs such as uniforms/costumes, field trip expenses, etc.*

### BAND 7-8

**Level: Grade 7-8**

This is a Middle school Band performance based class. Late beginners are accepted into the class. Instruction on all instruments is provided emphasizing Band structure, etiquette, musical style, and musicianship. Students will study from Tradition of Excellence Book II and III as well as basic band literature. Students will participate in concerts, district and State Events including MPA and Solo and Ensemble festival. This is a preparation class for the High school Band Class

**Requirements:** Participation in the Winter Concert, Spring Concert, and any state or regional assessments.

**Prerequisites:** None

### COLOR GUARD AND EXPRESSION

**Level: Grades 7-12**

This is a companion class to the High school Band. Instruction in all elements of flag and auxiliary equipment provided. Students will master skills to enhance the band fall performances and then maintain a winter development and performance schedule for the spring semester. Students are expected to participate with the HS band in all performances.

**Note:** Participation in one semester of Col fulfills 1/2 credit of the P.E. graduation requirement for grades 9-12.

**Requirements:** Participation in all Marching Band performances. Purchase of any performance attire.

**Prerequisites:** None

**Credit:** 1 Unit for grades 9-12, No credit for grade 8

### MARCHING BAND

**Level: Grades 8-12**

High School band is a performance-based class where students experience music through advanced proficiency in instrumental music. This is the premier performance ensemble of the Madison Academy music program. Students will be exposed to a variety of music, musical concepts, music

theory, and performance etiquette. This class includes a concert band component with multiple performances, and the possibility of an additional performance at the Alabama Bandmasters Association Music Performance Assessment. Additional concert band performance opportunities include the ABA Solo & Ensemble contest and regional or national performance opportunities.

**Requirements:** This ensemble will have after school rehearsals and performances.

**Prerequisites:** Participation in Beginning and middle school classes is highly recommended but not always required.

## CHORUS 7-8

### **Level: Grades 7-8**

Middle School Chorus is a performance-based class where students can explore the art of singing. Students will sing a variety of music, develop vocal techniques for singing, and learn various musical concepts including music theory and appropriate performance etiquette. A concert schedule and participation in various assessments and festivals sponsored by the Alabama Vocal Association requires a time commitment that is in addition to the time spent in class. An evening concert is performed in winter and spring to provide a showcase of talent. Students are especially encouraged (but not required) to audition for the Alabama All-State Chorus and various honor choirs. Anyone can be in choir as long as they are willing to give singing a try. We can teach you to sing! Our goal as a group is to develop into better singers, to make music, and to have fun doing it! NO Auditions Required.

**Requirements:** Participation in the Winter Concert and Spring Concert. Purchase of formal choir attire.

**Prerequisite:** None

## CHORUS 9-12

### **Level: Grades 9-12**

High School Choir is a performance-based class where students can explore the art of singing. Students will sing a variety of music, develop vocal techniques for singing, and learn various musical concepts including music theory and appropriate performance etiquette. A concert schedule and participation in various assessments and festivals sponsored by the Alabama Vocal Association requires a time commitment that is in addition to the time spent in class. An evening concert is performed in winter and spring to provide a showcase of talent. Students are especially encouraged (but not required) to audition for the Alabama All-State Chorus. Students will also have to purchase choir formal attire. Anyone can be in choir as long as they are willing to give singing a try. We can teach you to sing! Our goal as a group is to develop into better singers, to make music, and to have fun doing it! NO Auditions Required.

**Requirements:** Participation in the Winter Concert, Spring Concert, and any state or regional assessments. Purchase of formal choir attire.

**Prerequisite:** None

**Credit:** 1 Unit

## MIDDLE SCHOOL THEATRE

### **Level: Grades 7-8**

During this **performance based** course, students will be introduced to theater history and appreciation, improvisation, theater tech (such as lights, sound, costumes, makeup, sets, and props),

and an understanding of various acting techniques. Theatre offers the chance to experience the excitement and rewards of theatre arts while developing problem-solving skills, collaboration and social skills, and confidence. Students will get an opportunity to perform in the fall and spring class plays, and run tech for shows and our biweekly Gatherings. No auditions required.

### **HIGH SCHOOL THEATRE PERFORMANCE**

**Level: Grades 9-12**

This is a **performance-based course** and is designed to develop and strengthen skills in ensemble work, movement, vocal articulation and projection, play analysis, and scene work, with an emphasis on character development. Students will gain confidence in improvisation, audition skills, and preparation for theatrical college/career paths. Students will also have the option to participate in Technical Theatre positions (stage management, lights, sound, sets, makeup and costumes). Students are required to participate in the Alabama Conference of Theatre's High School Trumbauer Festival during the fall semester. In the spring, each student will serve as a cast member, crew member, or volunteer for the Spring Musical.

**Prerequisite:** None

**Credit:** 1 Unit

### **THEATER AND EVENT TECHNICAL DEVELOPMENT**

**Level: Grades 9-12**

This course introduces students to the full scope of event and technical production, including set, lighting, sound, makeup, and costume design. Students will develop leadership skills through roles such as Producer, Technical Director, Costume Designer, Stage Manager, and Marketing Agent while supporting major school events including chapels, pep rallies, ceremonies, and productions. This class is responsible for the design and construction of the spring musical and other performances. Students are required to participate in the Alabama Conference of Theatre's High School Trumbauer Festival during the fall semester. In the spring, each student will serve as a cast member, crew member, or volunteer for the Spring Musical.

**Prerequisite:** None

**Credit:** 1 Unit

# ELECTIVES

Electives

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**Marketing and Media**

- Yearbook and Journalism

**Life Skills**

- Career Field Study / Co-Op
- Driver's Education
- Health
- Independent Living /Personal Finance
- Study Hall
- ACT Prep / Career Prep
- Leadership

**Humanities**

- Current Events
- History in Film
- Sociology
- Psychology
- Spanish I-IV
- Introduction to Law and Justice

**Athletics**

- Physical Education
- Life PE

**Service**

- IT Tech Team
- Student Ambassador
- Teacher Aide

## MARKETING AND MEDIA

### YEARBOOK and JOURNALISM

**Level: Grades 9-12**

The Yearbook and Journalism class produces a journalistic yearbook (*The Oracle*) for the school that serves as a memory, history record, and reference book. Students learn concept design, writing, and photography with the latest technology. Students will also be exposed to a variety of print and digital journalism. Growth in personal responsibility and creativity is also emphasized. Proficiency in English and interest in learning eDesign required.

**Prerequisite:** Instructor approval

**Credit:** 1 Unit

## ATHLETIC ELECTIVES

### PHYSICAL EDUCATION

**Level: Grades 7-8**

This course begins the development of the more advanced movements and skills that are cornerstones of physical development. Students will learn strong technical skills in a wide variety of movements including, but not limited to, bracing, bending, pushing, pulling, lifting, twisting, throwing, jumping, landing, running. This course is required for grades 7-8.

**Requirement:** Exercise clothing (Athletic shoes, pants/shorts, and shirt)

**Prerequisite:** None

## L.I.F.E. PE

**Level: Grades 9-12**

Lifelong Individualized Fitness Education, or LIFE, provides balanced instruction in fitness and conditioning for cardiovascular health, muscular tone and strength, flexibility, and agility. Students will begin strength training to increase their ability to produce, absorb, stabilize, and redirect force. Students will also be challenged to increase their endurance in both aerobic and anaerobic conditioning. This course is based on principles of strength and conditioning with a holistic approach to physical development. This class takes a “slow-cook” approach to create lasting physical adaptations that promote lifelong health and wellness. The course is offered to both girls and boys separately.

**Requirement:** Exercise clothing (Athletic shoes, pants/shorts, and shirt)

**Prerequisite:** None

**Credit:** 1 unit (Fulfills one credit of PE required for graduation)

## HUMANITIES

### SPANISH I

**Level: Grades 9-12**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

This course provides an introduction to the Spanish language and Hispanic culture. Students learn the basic skills of reading, writing, listening, and speaking. The acquisition of vocabulary is emphasized.

**Prerequisite:** An overall B average is recommended, especially in English.

**Credit:** 1 Unit

### SPANISH II

**LEVEL: GRADES 10-12**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

Spanish II is a continuation of concepts introduced in Spanish I. Students build on vocabulary and learn more advanced grammar. Emphasis is placed on reading, speaking, writing, and listening comprehension.

**Prerequisite:** Spanish I (an average of 75 or above in Spanish I is recommended)

**Credit:** 1 Unit (Spanish I/II satisfy an Advanced Academic Diploma requirement)

### SPANISH III

**Level: Grades 11-12**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

Spanish III continues to move students from a comprehension level to a more fluent use of the Spanish language. This course consists of speaking, reading, and writing Spanish using various video series and related textbooks. Students will be eligible to participate in the CLEP exam potentially earning up to 6 hours of college credit pending their individual score.

**Prerequisites:** Spanish I and II

**Credit:** 1 Unit

### **Spanish IV**

**NCAA Approved Course**

**Advanced Diploma Approved Course**

Spanish IV will require students to master complex features of the Spanish language and to comprehend more abstract concepts. Students will be introduced to a wide variety of texts that employ a greater variety of language as well as cultural references and figures of speech. They will be able to understand materials presented on a variety of topics related to contemporary events and issues within the Spanish and Hispanic cultures. Upon completion of Level IV, a student will be eligible to participate in the CLEP exam potentially earning up to 9 hours of college credit pending their individual score.

**Prerequisite:** Spanish I-III or instructor approval

**Credit:** 1 Unit

## **CURRENT EVENTS**

**Level: Grades 10-12**

This course is designed to provide students with the opportunity to discuss, understand, and explore local, national, international, political, economic and social issues in a respectful, meaningful, and active way. Throughout the year, students will stay up to date on current issues and trends. Because the subject of this class is “contemporary,” topics will vary considerably depending on the current news cycle. Students will be challenged to defend their opinions on many different issues. The class will consist of research, lecture, group work, reading, and writing assignments. This class could provide great help for any History class! We will be looking at a variety of viewpoints and topics, but add a Biblical perspective to what is going on in the world around us.

**Prerequisite:** None

**Credit:** 1 Unit (elective)

## **HISTORY IN FILM**

**Level: Grades 10 - 12**

History in Film blends film studies with historical analysis, exploring how movies depict past events, reflect societal values, and shape historical memory, covering topics from early cinema's technical evolution to analyzing historical accuracy, bias, and the role of filmmakers in shaping narratives about eras like WWII, the Cold War, or American identity. It uses films as primary sources, developing critical viewing, writing, and discussion skills to understand cinema as both art and cultural artifact. This course will cover one semester of American film history and one semester of international film history. This course will include research, writing, outside of class viewing, and critical thinking.

**Prerequisite:** None **Credit:** 1

## PSYCHOLOGY

**Level: Grades 10-12**

**NCAA Approved Course**

In this course students will explore various facets of human behavior. Topics will focus on biological, environmental, and social factors that influence personality, intelligence, learning, perceptions, emotions and motivation.

**Credit:** 1 Unit (elective)

## SOCIOLOGY

**Level: Grades 10-12**

**NCAA Approved Course**

Sociology (with Ethics): Sociology will be a study of society and culture. The class will examine and study multiple cultures and determine what creates a culture and its characteristics. The ultimate goal of this course is to show students what other lives are like outside of their own culture AND to understand why their own cultures developed as they did. Also, students will examine traditional beliefs about specific cultures to be able to better evaluate their own culture and beliefs. Ethics will introduce the principles of logic, including inductive and deductive methods of reasoning, and will raise students' awareness of fallacies concerning both secular and religious current issues. Students will examine the world in which they live and develop ethical positions based on sound evidence. Various systems of conduct that oppose ethical behavior will be evaluated in an effort to understand the need to employ ethical standards in all facets of our civic life: family, school, business, and government.

**Prerequisite:** None

**Credit:** 1 unit (elective)

## INTRODUCTION TO LAW AND JUSTICE

**Level: Grades 10-12**

**NCAA Approved Course**

This class is good for anyone interested in a law or business major/career. The year long class will work from a book, *A Course in Practical Law*. We will introduce the legal system and will study criminal law, liability, consumer law, family law, and the rights and liberties. Case studies will provide practical application. A field trip to a courtroom and guest speakers from the field are part of the curriculum.

**Credit:** 1 Unit (elective)

## LIFE SKILLS

### DRIVER'S EDUCATION

**Level: Grades 9-10**

Driver's Education is a one-semester program consisting of classroom instruction and behind-the-wheel training offered to all eligible students. MA Driver's Education is designed to prepare our students for a lifelong skill that greatly enhances their quality of life. The goal of MA Driver's Education is to provide each student driver the psychomotor skills and mental attitudes required to become the most competent, skillful, responsible driver possible. The program is offered

each semester at MA upper school campus. To be eligible to enroll, a student must meet the following requirements:

- Turn 15 years old by the end of the first month of the semester enrolled and also obtain a Learner's Permit by the end of the first quarter of the semester enrolled
- Not had Driver's Education before.
- Agree to comply with the MA Code of Conduct.

A proficiency test may be offered to students who are at least 16 years of age or who have transferred from another state and possess a valid level one graduated driver license (GDL). If, for any reason, the instructor deems the student unsafe or intentionally disrespectful, the student will be removed from the program immediately. If a student is removed from the program for disciplinary reasons or withdraws from the class, the student must make arrangements to complete training through a commercially-licensed school at his/her own expense.

**Prerequisite:** None

**Credit:** 1/2 Unit

## HEALTH

**Level: Grades 9-10**

This one-semester course encompasses a variety of issues that are relevant to maintaining health and wellness in the contemporary world. Topics include nutrition, stress, exercise, substance abuse, home safety, CPR, first aid, personal management, and disease prevention. This course is paired with Driver's Ed.

**Prerequisite:** None

**Credit:** 1/2 Unit (fulfills health requirement for students electing not to take Human Physiology; does not fulfill a credit requirement in science)

## LEADERSHIP

**Level: Grades 10-12**

This course is designed to build leaders by addressing specific objectives: understanding and working with different leadership styles, problem-solving, collaborating, developing healthy habits, and learning the skill of positive reinforcement. The curriculum combines images, relatable stories, and experiences that resonate with today's young adults, equipping them to navigate through life's challenges and opportunities.

**Prerequisite:** None

**Credit:** 1 Unit

## STUDY HALL

**Level: Grades 10-12**

This non-credit course is designed for students to complete class work, better prepare for exams, and receive extra assistance from the teacher in areas where it is needed. Students are expected to be on task during this class. Students will work to organize and remain in good academic standing in their classes.

**Prerequisite:** None

**Credit:** No Credit

## CAREER PREP B / ACT PREP

**Level: Grades 10-12**

**ACT PREP:** This course is designed to prepare students for acceptance into college and for success in their future academic and professional careers. For one semester, students will work to score adequately on their ACT test and/or to raise their ACT score to a higher level. With renewed emphasis at the local, state, and national levels to improve test scores, ACT Prep is a course that was created to improve those scores. The students receive intensive instruction in English, Math, Reading, and Science. Work will be done mostly using written material from a variety of publishers that produce ACT Prep practice books. Test-taking strategies will be taught and emphasis will also be placed on time management during the ACT test.

**CAREER PREP B:** This one semester course is designed to prepare students for college admissions, scholarship essays, college planning and preparing personal resumes. Students will explore career fields and academic pathways to better prepare them for career choices. In addition, students will learn financial literacy, including principles of budgeting for financial independence.

**Prerequisites:** None (Each student is encouraged to have taken the ACT at least once prior to enrolling in this class.)

**Credit:** 1 Unit (elective)

### **INDEPENDENT LIVING/PERSONAL FINANCE**

**Level: Grades 11-12**

Independent Living is a one-semester course that focuses on the basic skills that students will need after high school. Topics include the following: managing finances and daily living responsibilities, appropriate job skills, apartment shopping, online safety, personal safety, basic cooking and menu planning, and survival skills. Personal finance is a one-semester course designed to help students understand income, money management, spending and credit, as well as saving and investing. In addition it will prepare students to think about their own finances and real world financial dilemmas.

**Prerequisite:** None

**Credit:** 1/2 Unit Per Semester (elective)

### **CO-OPERATIVE EDUCATION/CAREER FIELD STUDY**

**Level: Grade 12**

Our Work-Based Learning Program combines traditional academics with practical, work-based knowledge gained outside the classroom. Students graduate from Madison Academy with a transcript and a resume that demonstrates their valuable academic and employment skills to colleges and future employers. Students may choose from two options:

In the **Career Field Study** Program, students are able to participate in internships where the goal is for the student to learn about careers they are interested in pursuing. Students are not paid while participating in the Career Field Study Program. Students must intern 60 hours per semester and will receive 0.5 credit per semester. Students must be in good academic standing with an excellent attendance record.

In the **Cooperative Education** Program, students are allowed to work outside of school for financial gain. Students must maintain continuous employment throughout the semester that they participate in this program. No credit is awarded for the Co-Op Program.

Note: Each course may be taken for two semesters or may be paired with one semester of Student Aide.

**Prerequisite:** None, but students cannot be in a sport in the same semester as the class.  
**Credit:** 1/2 Unit per semester for Career Field Study. No credit for Co-Op.

## SERVICE ELECTIVES

### STUDENT AMBASSADOR

**Level: Grades 9-12**

The position of Student Ambassador will be awarded to students who best exhibit the qualities of the well-rounded student: spiritually- and academically-grounded, diligent, articulate, enthusiastic, personable, and highly-involved in student activities such as athletics, clubs, and service organizations. Student Ambassadors will be trained in the art of public relations; will serve as tour guides for prospective students; and will represent MA at various school and community events. Students who want to be considered for this position must submit an application and schedule an interview.

**Requirement:** Students must have an overall GPA of 3.5.

**Prerequisite:** Administrator Approval

**Credit:** 1 Unit

### STUDENT TEACHER AIDE

**Level: Grade 12**

Student Aide provides opportunities for a limited number of qualified students to gain hands-on experience in assisting the professional staff with clerical and managerial tasks.

**Requirement:** Student maturity and dependability

**Prerequisite:** Administrator approval

**Credit:** 1 Unit

### STUDENT IT TEAM

**Level: Grades 10-12**

The Student IT Team is a select group of students assigned to assist in the IT Office. Student duties will include: Device Repair, Classroom Technology Troubleshooting, General IT Support. Students will receive quarterly grades based on work performance, participation, attitude, and attendance.

**Prerequisite:** Student Application, Interview with IT Staff, and Administrative Approval

**Credit:** 1 Unit per year

## PATHWAYS OF DISTINCTION

### Pathways of Distinction: Mustang Medical



#### Grades 9-11

- Foundations of Health Science

#### Grades 10-11

- Fundamentals of Sports Medicine

#### Grade 11

- Therapeutic Services

#### Grade 12

- Health Science Internship

## MUSTANG MEDICAL

### FOUNDATIONS OF HEALTH SCIENCE

#### **Level: Grades 9-11**

Foundations of Health Science is a one credit course that introduces students to the basic concepts needed to pursue a career in healthcare. This is the first class along the Health Science Pathway and will focus on building the foundation required to be successful in subsequent coursework. The course will combine academics with hands-on skills to reinforce learning in a simulated workplace. **This course is required to apply for the Health Science Internship.**

**Prerequisite/Corequisite:** None

**Credit:** 1 Unit (elective, does not fulfill a credit requirement in science)

### FUNDAMENTALS OF SPORTS MEDICINE

#### **Level: Grades 10-11**

In this course, students will learn about several different medical fields, including sports medicine, general medicine, orthopedics, ophthalmology, dermatology, physical therapy, nutrition, podiatry, and dentistry. Students will also learn how to prevent athletic injuries and illnesses from occurring, as

well as, how to provide first aid and medical care to a wide variety of athletic illnesses and injuries.

**This course is required to apply for the Sports Medicine Internship.**

**Prerequisite:** Biology 1

**Credit:** 1 Unit (elective, does not fulfill a credit requirement in science)

### **THERAPEUTIC SERVICES**

**Level: Grade 11**

Therapeutic Services is a one credit course that reinforces the working knowledge learned in previous pathway courses and introduces students to the concept of patient assessment and treatment commonly found in medical practice. The course will expand on simulated workplace learning to prepare students to actively participate in various clinical settings during their senior year.

**Prerequisite/Corequisite:** Foundations of Health Science, Human Anatomy & Physiology

**Credit:** 1 Unit (elective, does not fulfill a credit requirement in science)

### **HEALTH SCIENCE INTERNSHIP**

**Level: Grade 12**

Health Science Internship is a double-block course that builds upon the knowledge acquired in previous pathway courses to provide students with the opportunity to intern at various clinical sites throughout the community. The experiences gained through this course will help students to prepare for postsecondary health care educational programs. The curriculum focuses on material to prepare for the certified clinical medical assistant exam, which students take prior to graduation. This allows them to obtain credentials prior to graduating high school. The approval to enroll in the course may be authorized by the administration.

**Requirements:** Costs required with this course (liability insurance, scrubs, BLS certification, CCMA, etc.). Additionally students are required to have a flu shot and TB skin test.

**Prerequisites:** Foundations of Health Science and Human Anatomy and Physiology

**Recommended:** Therapeutic Services and Honors Chemistry

**Credit:** 2 Units (elective, does not fulfill a credit requirement in science)

# 'EDEN' ENGINEERING

Pathways of Distinction: Eden Engineering



- Grades 9-12
  - Engineering Design with Solid Modeling I
- Grades 10-12
  - Engineering Design with Solid Modeling II
- Grade 11-12
  - Introduction to Engineering Computations with MATLAB

## ENGINEERING DESIGN W/SOLID MODELING I

### Level: Grades 9-12

Three-dimensional modeling software has changed how quickly designers can move from idea to a functioning prototype. These software tools have also impacted the designer's ability to communicate ideas to others. Introduction to Solid Modeling & Engineering Design teaches students how to create 3D models of parts and mechanisms using SolidWorks, an industry-standard computer-aided design (CAD) program. Students will learn concepts that are commonly taught in the first year of a collegiate engineering curriculum.

**Prerequisite:** None

**Credit:** 1 Unit

## ENGINEERING DESIGN W/SOLID MODELING II

### Level: Grades 10-12

Engineering Design w/ Solid Modeling II builds on the concepts taught in its prerequisite course, Engineering Design w/ Solid Modeling I. This two-course sequence is designed to prepare students to take the Certified SolidWorks Associate – Academic Exam to earn the first level of certification in SolidWorks. Students will be required to apply what they learned in the first course as they study additional concepts that are also commonly taught in the first year of a collegiate engineering curriculum.

**PreRequisite:** Engineering Design w/ Solid Modeling I

**Credit:** 1 Unit

## **INTRODUCTION TO ENGINEERING COMPUTATIONS WITH MATLAB**

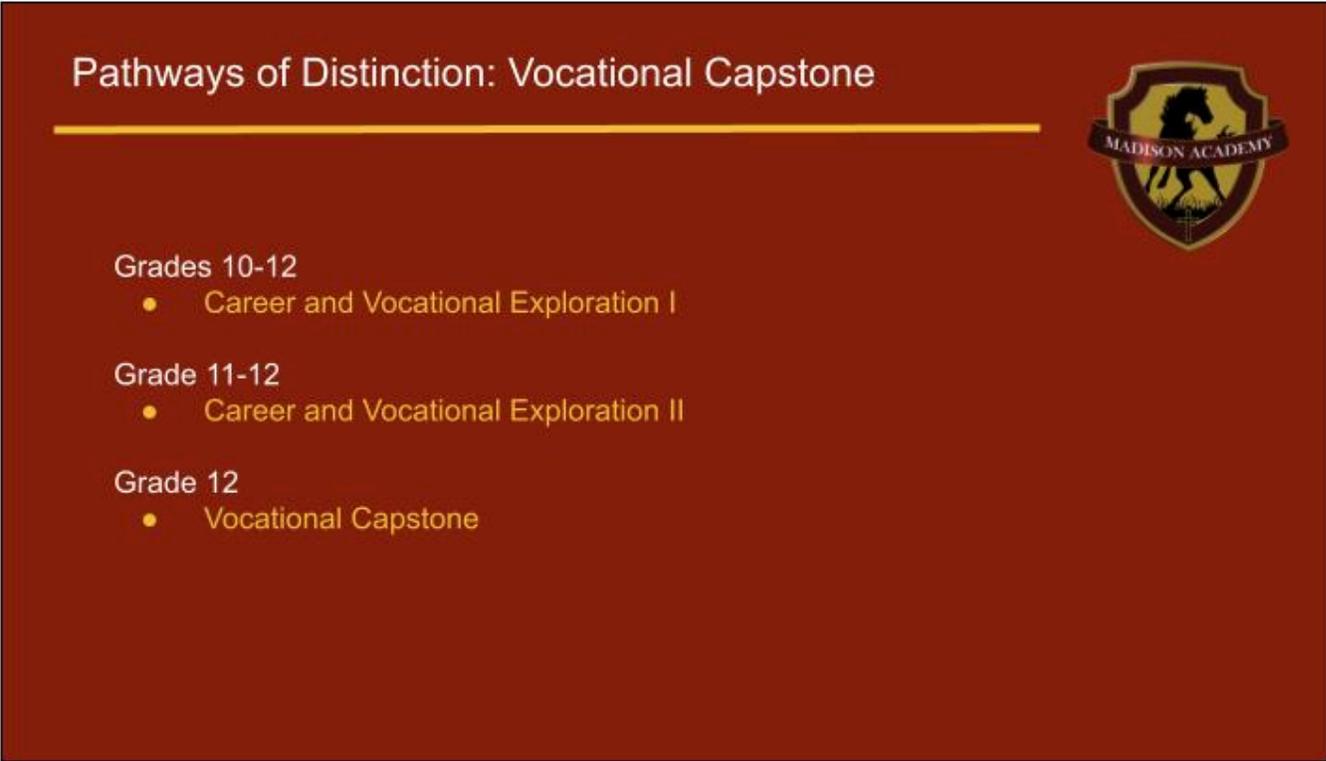
**Level: Grades 11-12**

Every engineering discipline is being transformed by the ability to put computers anywhere and interconnect them (Internet of Things). Engineers must have at least a basic understanding of computer programming and the impact that computers have on design solutions. Introduction to Engineering Computations with MATLAB teaches computer programming with the same programming language used in colleges of engineering around the country. Students will learn fundamental programming logic and structures that are taught in the first year of a collegiate engineering curriculum.

**Prerequisite:** Instructor Approval

**Credit:** 1 Unit

## **VOCATIONAL CAPSTONE**



Pathways of Distinction: Vocational Capstone

- Grades 10-12
  - Career and Vocational Exploration I
- Grade 11-12
  - Career and Vocational Exploration II
- Grade 12
  - Vocational Capstone



## **CAREER AND VOCATIONAL EXPLORATIONS I**

**Level: Grades 10-12**

This course is a hands-on exploration of students' career options. Through personal reflection, field experiences, and professional visits, students will gain an understanding of their likes and dislikes,

strengths and weaknesses, career choices, and ways to achieve their goals. Professionals in fields such as medicine, law, law enforcement, military, and trade come in to explain the requirements to begin their careers and show students a real-life view of what they do daily. The class also visits job sites to see firsthand what these careers look like.

**Prerequisite:** None

**Credit:** 1 Unit

## **CAREER AND VOCATIONAL EXPLORATIONS II**

**Level: Grades 11-12**

This course is a more in-depth analysis of a student's vocational abilities and desires. Students will undergo career assessments and work closely with postgraduate entities to determine a personal path to becoming a productive contributor within the community. Students will gain a wider knowledge of professions available in the greater Huntsville region. Completion of this course is recommended for entrance into the capstone program.

**Prerequisite:** Career and Vocational Explorations I

**Credit:** 1 Unit

## **VOCATIONAL CAPSTONE**

**Level: Grade 12**

This program is designed to specifically meet the needs of students seeking certifications and licensures. Through partnerships with trade schools, organizations, and universities, students are given the opportunity to become licensed and/or certified in industry specific fields that will allow them to become eligible for employment upon graduation from Madison Academy. Courses taken under this program are not eligible for dual enrollment credit.

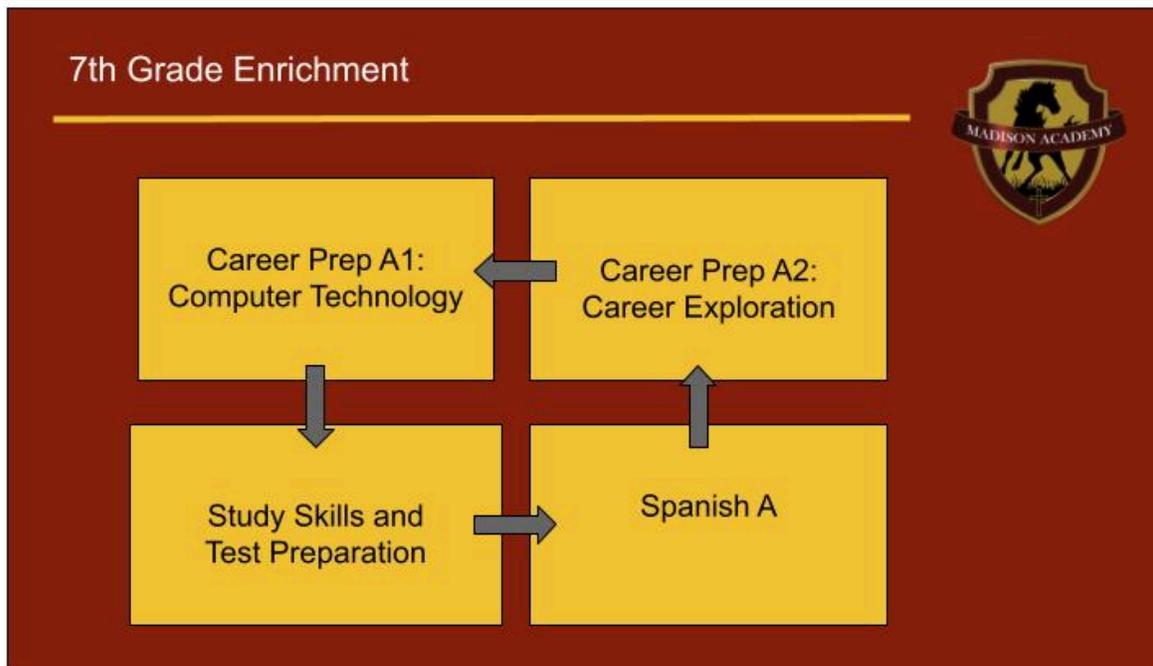
**Prerequisite:** Career and Vocational Explorations I and administrative approval

**Pre/Corequisite:** Career and Vocational Explorations II

**Credit:** No Credit

## MIDDLE SCHOOL ENRICHMENT & ELECTIVES

Middle school enrichment classes are quarter-long courses that give students the opportunity to explore practical skills, academic strategies, and personal interests beyond their core subjects. Enrichment courses are designed to broaden students' experiences, strengthen essential academic study skills, build confidence, and help them discover new strengths and passions.



### 7th Grade Wheel - Subject to Change

**Career Prep A1- Computer Technology** - Uses of software apps are explored in detail. Projects are completed using Google Docs / Sheets, Pages (resumes, cover pages, etc.), Keynote, Canva, Magic School AI and iMovie. Digital Citizenship is a major component of this course focusing on internet etiquette, cyberbullying, academic uses of technology, plagiarism and internet safety.

### **Career Prep A2- Career Exploration**

A one-quarter course designed to guide students through exploring a wide variety of careers to narrow down interests for the future. Personal discovery and planning are used to identify students' strengths, interests, and skills for potential career pathways. Students learn about different career clusters and the educational and skill requirements for various jobs. Students learn a variety of soft skills and how to apply those in everyday relationships and life's practical circumstances.

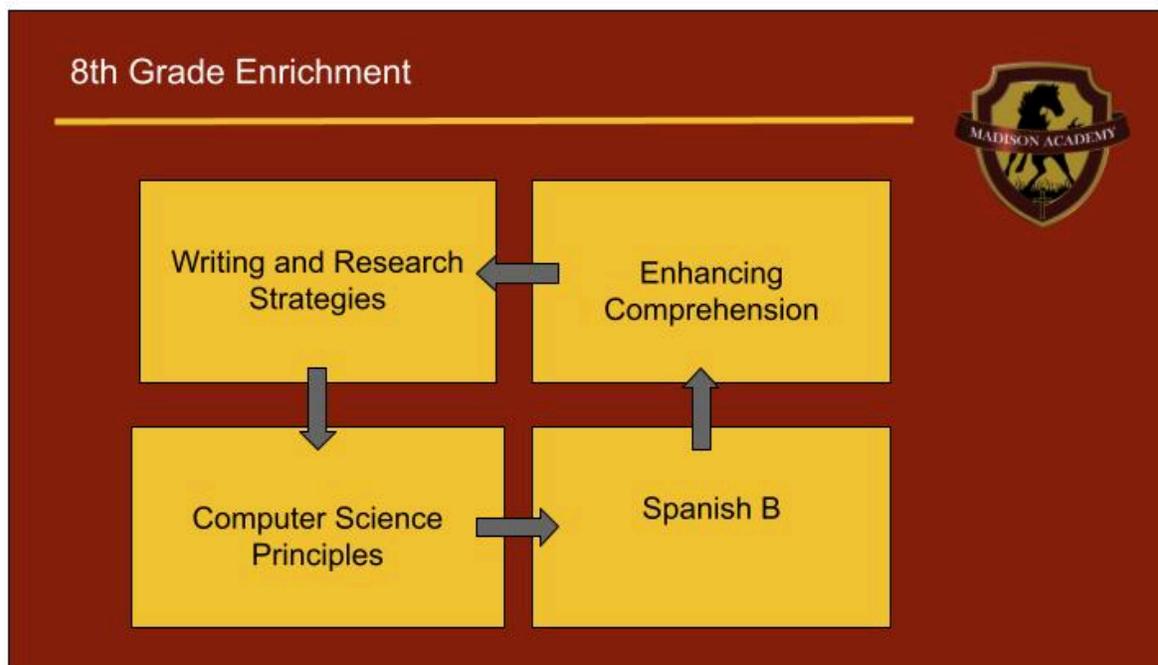
### **Study Skills and Test Preparation**

Through detailed lessons, skills inventories, guided/independent practice, interactive activities, and projects, students learn a variety of study techniques and test-taking strategies to improve test performance. The course includes an in-depth study of ways to prepare for a variety of assessments (multiple choice, true-false, essay, short answer, final exams, etc). Time management, goal setting,

study groups, note-taking skills, test anxiety, organizational skills, listening skills, and reading comprehension, among others, are discussed.

**Spanish A-** Middle school Spanish A & B will introduce students to the language and culture of those whose primary language is Spanish. Students will focus on basic communication skills (speaking, listening, reading and writing) through vocabulary and grammar in culturally relevant contexts, aiming for novice-level proficiency and building a foundation for future language learning.

### 8th Grade Enrichment Wheel - Subject to Change



**Writing/Research Strategies** - In preparation for high school writing, students will be instructed in four different types of academic writing: example, compare/contrast, cause/effect, and persuasive. A focus on standard English grammar and mechanics, the process of writing, and basic research skills will be practiced and applied. Research skills will adhere to MLA format and be demonstrated in the persuasive essay.

#### **Enhancing Comprehension**

Focusing on six research-based comprehension strategies, The Comprehension Toolkit sharpens students' ability to monitor comprehension, activate background knowledge, ask insightful questions, make inferences, determine importance, and synthesize information—all paving the way for a deeper understanding in the content areas.

**Computer Science Principles** - VEX Robotics allows for the learning content of this course to be hands-on and engaging. The classroom competition curriculum of VEX IQ brings all of that excitement into the classroom. Classroom competitions allow students to take ownership of their learning as they explore engineering, coding, competitions, and more. Students are challenged to

work as a team and make decisions collaboratively, which is a fantastic skill that will serve them well as they leave the classroom and go to the workplace one day.

**Spanish B-** Middle school Spanish A & B will introduce students to the language and culture of those whose primary language is Spanish. Students will focus on basic communication skills (speaking, listening, reading and writing) through vocabulary and grammar in culturally relevant contexts, aiming for novice-level proficiency and building a foundation for future language learning.

## **MIDDLE SCHOOL ELECTIVES**

### **ART 7-8**

#### **Level: Grades 7-8**

This course includes advanced visual art concepts intended to broaden the foundational skills gained by students in the elementary program. A major focus is to further develop the artistic and visual perceptions in painting, drawing, stenciling, collage, color theory, three-dimensional design, composition, and mixed media.

**Prerequisite:** None

### **BAND**

#### **Level: 6TH Grade**

This is a beginning Band class in basic instrumental proficiency. The director will assist the students in selecting the proper instrument. Students are given basic instruction on Flute, clarinet, alto sax, trumpet, trombone and percussion. Students will participate in concerts in October and December in the fall. There will be several concerts with the other bands in the Spring semester. Students are expected to participate in the solo and ensemble festival in April. Students will study from the Tradition of Excellence Book I.

#### **Level: 6TH Grade II**

This is an advanced elementary class for students who started in the 5th grade beginning Band class the previous year. 5th Grade Band completion is a pre-requisite. Students perform at all the concerts in Fall and Spring semesters. Participation in Solo and Ensemble Festival in April is required. Students will study from the Tradition of Excellence Book II.

#### **Level: 7TH-8TH Grade**

This is a Middle School Band performance based class. Late beginners are accepted into the class. Instruction on all instruments is provided emphasizing Band structure, etiquette, musical style, and musicianship. Students will study from Tradition of Excellence Book II and III as well as basic band literature. Students will participate in concerts, district and State Events including MPA and Solo and Ensemble festival. This is a preparation class for the High school Band Class.

**Level: 7-12TH Grade Color Guard and Expressive Movement**

This is a companion class to the High school Band. Instruction in all elements of flag and auxiliary equipment provided. Students will master skills to enhance the band fall performances and then maintain a winter development and performance schedule for the spring semester. Students are expected to participate with the HS band in all performances.

**Note:** Participation in one semester of Marching Band fulfills 1/2 credit of the P.E. graduation requirement for grades 9-12.

**CHORUS 7-8****Level: Grades 7-8**

The Chorus is a mixed choir consisting of development of vocal ability and skill in performing a variety of pieces of music, including a cappella selections. A concert schedule and participation in various assessments and festivals sponsored by the Alabama Vocal Association requires a time commitment that is in addition to the time spent in class. An evening concert is performed in winter and spring to provide a showcase of talent. Students are especially encouraged (but not required) to audition for the Alabama All-State Chorus.

**Requirements:** Participation in the Winter Concert, Spring Concert, Christian High School Choral Festival, State Choral Performance Assessment.

**Prerequisite:** None

**DRAMA 7-8****Level: Grades 7-8**

During this **performance based** course, students will be introduced to theater history and appreciation, improvisation, theater tech (such as lights, sound, costumes, makeup, sets and props), and an understanding of various acting techniques. Drama offers the chance to experience the excitement and rewards of theater arts while developing problem-solving skills, collaboration and social skills, and confidence. Students will get an opportunity to perform in the fall and spring class plays, or run tech for shows and our biweekly Gatherings. No auditions required.

**Prerequisite:** None