

# **Huntland High School**

## **Course Description Handbook**



**2024 - 2025**  
**Academic Year**

# High School Graduation Requirements

## English – 4 Credits

English I	1 Credit
English II	1 Credit
English III	1 Credit
English IV	1 Credit

## Science – 3 Credits

Biology I	1 Credit
Chemistry or Physics	1 Credit
Lab Science	1 Credit

## Math – 4 Credits

(Students MUST take a math each year)

Algebra I	1 Credit
Geometry	1 Credit
Algebra II	1 Credit
Upper Level Math	1 Credit

## Social Studies – 3 Credits

World History	1 Credit
U.S. History	1 Credit
Economics	.5 Credit
Government	.5 Credit

## P.E. and Wellness – 1.5 Credits

Wellness	1 Credit
P.E.	.5 Credit

## Personal Finance - .5 Credit

Personal Finance	.5 Credit
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## Fine Arts – 1 Credit

*Fine Arts	1 Credit
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## Foreign Language – 2 Credits

*Must Be Same Language	2 Credits
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## Elective Focus – 3 Credits

*Elective Focus	3 Credits
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## General Studies - 1 Credit

Computer Science	1 Credit
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## Additional Requirements

Sit for the ACT test Junior Year  
Pass the Civics Test

## 24 Total Credits Required for Huntland

\*Students must complete an Elective Focus of 3 units in: a state approved CTE Program of Study; science and math; humanities; fine arts; physical education; or Advanced Placement.

\*The Fine Arts and Foreign Language requirement may be waived for students who are sure they are not attending a University and be replaced with

## HUNTLAND HIGH SCHOOL FOUR-YEAR PLAN Class of 2027 and Beyond

Student's Name: \_\_\_\_\_

Graduation Year: \_\_\_\_\_

### Graduation Requirements

English	4 credits
Math	4 credits
Science	3 credits
Social Studies	3 credits
Wellness	1 credit
Computer Science	1 credit
Physical Education	.5 credit
Personal Finance	.5 credit

**Fine Arts 1 credit (\*)**

Music  
Visual Arts

**Foreign Language 2 credits**

(\*)

Spanish I  
Spanish II

**Elective Focus 3 credits**

(\*)

Fine Arts (Art or Band 1, 2, 3)  
Agricultural Education  
Business and Technology  
STEM  
Physical Education  
Journalism

**---OR---**

**CTE Elective Focus 3 credits**

(\*)

Agricultural Education  
Business and Technology  
STEM

**---OR---**

**Elective Focus 3 credits (\*)**

Fine Arts (Art or Band 1, 2, 3)  
Physical Education

### Ninth Grade

1 credit	English I
1 credit	Algebra I
1 credit	Physical Science
1 credit	Wellness
1 credit	World History
1 credit	Computer Science
1 credit	Elective _____

### Tenth Grade

1 credit	English II
1 credit	Geometry
1 credit	Biology
1 credit	Spanish I
.5 credit	Personal Finance
.5 credit	Physical Education
1 credit	Elective _____
1 credit	Elective _____

### Eleventh Grade

1 credit	English III
1 credit	Algebra II
1 credit	Chemistry
1 credit	US History
1 credit	Spanish II
1 credit	Elective _____
1 credit	Elective _____

### Twelfth Grade

1 credit	English IV
.5 credit	Government
.5 credit	Economics
1 credit	Bridge Math/Pre-Calculus
1 credit	Fine Arts
1 credit	Elective _____
1 credit	Elective _____
1 credit	Elective _____

# **GRADUATION WITH HONORS**

## **Huntland Honor Scholar**

**In order for students to be considered a Huntland Honors scholar, students must:**

- Minimum grade point average (GPA) of 3.75 –not rounded up
- Complete the specified requirements for graduation
- Students are required to have at least ten (10) academic honors courses in core area
  - English I, II, III, or IV (AP) (H)
  - Algebra I (H)
  - Geometry (H)
  - Algebra II (H)
  - Pre-Calculus (H) (SDC)
  - Physical Science (H)
  - Biology (H)
  - Chemistry (H)
  - Anatomy and Physiology (H)
  - World History (H)
  - United States History (H)
  - Spanish II (H)

## **Huntland School Valedictorian/Salutatorian\***

### **VALEDICTORIAN**

Highest Grade Point Average (unweighted)  
10 Honors or Above Courses (minimum)  
Graduate with Honors (state)  
Huntland Honors Scholar

### **SALUTATORIAN**

Second Highest Grade Point Average (unweighted)  
10 Honors or Above Courses (minimum)  
Graduate with Honors (state)  
Huntland Honors Scholar

### **Steps to determine valedictorian:**

One valedictorian will be named at each high school.

Steps to determine the valedictorian will be the following:

1. The honors scholar with the highest GPA. An honors scholar is a student with a minimum grade point average of 3.75 (not rounded up), completion of ten (10) academic honors courses, and a score at or above all of the subject area college readiness benchmarks on the ACT or equivalent score on the SAT. If there is a tie, then,
2. Student with the highest composite ACT score on a regular national test through the December test date for the graduation year. If there is a tie, then,
3. Student(s) with the highest number of honors courses attempted. If there is a tie, then,
4. Numeric average in core courses.

### **Tennessee Honors**

Students who score at or above all of the subject area college readiness benchmarks on the ACT or equivalent score on the SAT will graduate with honors.

ACT College Readiness Benchmark Scores:

- English 18
- Mathematics 22

- Reading 22
- Science 23

### Tennessee Distinction

Students will be recognized as graduating with “distinction” by attaining a B average and completing at least one of the following:

- Earn a nationally recognized industry certification
- Participate in at least one (1) of the Governor’s Schools
- Participate in one (1) of the state’s All State musical organizations
- Be selected as a National Merit Finalist or Semi-Finalist
- Attain a score of 31 or higher composite score on the ACT
- Attain a score of three (3) or higher on at least two (2) advanced placement exams
- Successfully complete the International Baccalaureate Diploma Programme
- Earn twelve (12) or more semester hours of transcribed post-secondary credit

**\*State/Local requirements could change the criteria for the honors scholars and valedictorian.**

## HONORS AND ADVANCED PLACEMENT COURSES

All honors and Advanced Placement (AP) courses will substantially exceed the content standards, learning expectations, and performance indicators approved by the State. Teachers will model instructional approaches that facilitate maximum interchange of ideas among students: independent study, self-directed research and learning, and appropriate use of technology.

Multiple Assessment exemplifying coursework will be utilized, such as short answer, original or creative interpretations, essays, constructed response prompts, authentic products, portfolios, performance-based tasks, open-ended questions, and analytical writing.

Additionally, an honors course shall include a minimum of five (5) of the following components:

1. Extended reading assignments that connect with the specified curriculum.
2. Research-based writing assignments that address and extend the course curriculum.
3. Projects that apply course curriculum to relevant or real-world situations, i.e. oral presentations, Power Point, etc. Connection to the community is encouraged.
4. Open-ended investigations in which the student selects the questions and designs the research.
5. Writing assignments that demonstrate a variety of modes, purposes, and styles.
  - Mode: narrative, descriptive, persuasive, expository, and expressive
  - Purpose: to inform, entertain, and persuade
  - Style: formal, informal, literary, analytical, and technical
6. Integration of appropriate technology into the course of study.
7. Deeper exploration of the culture, values, and history of the discipline.
8. Extensive opportunities of problem solving, experiences through imagination, critical analysis, and application.
9. Job shadowing experiences with presentations which connect class study to the world of work.

# DUAL CREDIT AND DUAL ENROLLMENT

**Dual Credit** is a high school course aligned to a postsecondary course that is taught at the high school by high school faculty for high school credit. Students are able to receive postsecondary credit by successfully completing the course, plus passing the assessment developed and/or recognized by the granting postsecondary institution. The institution will grant the credit upon enrollment of the student.

**Dual Enrollment** is a postsecondary course, taught either at the postsecondary institution or at the high school, by the postsecondary faculty (may be credentialed adjunct faculty), which, upon successful completion of the course, allows students to earn postsecondary and secondary credit concurrently. The student must meet dual enrollment eligibility under the Tennessee Board of Regents (TBR) and University of Tennessee (UT) policies.

**Tennessee Dual Enrollment Grant** program is a grant for study at an eligible postsecondary institution that is funded from the state lottery and awarded to students who are attending an eligible high school and who are also enrolled in college courses at eligible postsecondary institutions for which they will receive college credit.

1. The dual enrollment grant pays the full cost of tuition and fees for a student's first two dual enrollment courses at a community college. The student must meet the minimum HOPE scholarship academic requirements at the time of dual enrollment.
2. Juniors and seniors eligible
3. Must maintain a 2.75 GPA for all postsecondary courses attempted
4. Only for lower-division courses numbered 100-200 or 1000-2000

[Tennessee Hope Scholarship](#)

[NCAA Quick Guide](#)

[Tennessee Promise](#)

***Some courses listed in this handbook may require a lab fee.***

[Academic Standards](#)

[EPSO \( Early Post Secondary Opportunity\)](#)

# LANGUAGE ARTS AND FOREIGN LANGUAGE

## ENGLISH I

1 Credit	Prerequisite: None
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**English I** will develop reading skills necessary for word recognition, comprehension, interpretation, analysis, evaluation, and appreciation of the written text. Students will study grammar and usage, composition, various genres of literature, and literature-based vocabulary. The student will take an English I end-of-course test upon completion of the course.

## HONORS ENGLISH I

1 Credit	Prerequisite: Entrance Exam
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**English I H** is designed for the accelerated student who wishes to place greater emphasis on literary analysis. The development of critical reading, thinking, and writing skills will be emphasized through class discussions, essays, creative writing, and the research paper. The student will take an English I end-of-course test upon completion of the course.

## ENGLISH II

1 Credit	Prerequisite: English I
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**English II** is a review and continuation of grammar fundamentals, introduction to paragraph writing, and a study of representative English, World, and American literature. Students will continue to develop research skills. Besides varied selections of poems, short stories, and non-fiction, the course also includes the study of a novel and a Shakespearean play. The student will take an English II end-of-course test upon completion of the course.

## HONORS ENGLISH II

1 Credit	Prerequisite: see counselor for criteria
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**English II H** is designed for the accelerated student who wishes to concentrate on the reading of selected literary works and to develop his composition and analytical skills. Included is a review of the mechanics of grammar, in-depth analyses of all genres of literature, accelerated vocabulary, and concentration on the writing of expository, narrative, and descriptive paragraphs. Students will continue to develop research skills. Summer reading and projects are required. The student will take an English II end-of-course test upon completion of the course.

## ENGLISH III

1 Credit	Prerequisite: English I and II
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**English III** includes a broad overview of American literature, college-level vocabulary study, a variety of writing techniques, research techniques, grammar techniques, and oral communication techniques. Outside reading and writing are required. The student will take an English III end-of-course test upon completion of the course.

## HONORS ENGLISH III

1 Credit	Prerequisite: see counselor for criteria
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**Honors English III** is designed for the accelerated student who wishes to concentrate on the reading of selected literary works and to develop his composition and analytical skills. Content includes a broad overview of American literature, SAT-level vocabulary, a variety of writing techniques, research techniques, advanced grammar techniques, and oral communication techniques. Extensive outside reading and writing are required. Summer readings and projects are required.

## ENGLISH IV

1 Credit	Prerequisite: English I, II, III
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**English IV** is a course in literature and composition to prepare the student for college English, vocational training, and the job market. Students will read and analyze various works of British authors, present oral presentations, do a career research project, participate in class/group activities and discussions, and work on college and career skills. Composition and reading are strong elements in this course.

## SDC SPEECH AND COMMUNICATIONS

1 Credit	Prerequisite: See counselor for criteria
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**Speech and Communications - Statewide Dual Credit** is a college-level course taught by high school teachers that covers communication basics, listening, verbal and nonverbal communication, interpersonal communication, intercultural communication, group communication, and public speaking. The course culminates in a challenge exam that assesses students' mastery of postsecondary-level learning objectives. Students who pass the exam receive college credit that can be used at any Tennessee public postsecondary institution.

## JOURNALISM-YEARBOOK

1-2 Credits	Prerequisite: Teacher Approval, Application Required
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**Journalism** consists of student publication of the yearbook. Teacher recommends prior course of art and keyboarding or previous yearbook experience. Open to students in grades 9 – 12, based on application, interview, and teacher ratings of ability, dependability, willingness to work, etc. Duties include taking pictures, preparing layouts, selling advertisements, and writing copy for the yearbook. A student should have computer knowledge and strong writing skills. To meet deadlines and to photograph events, a student may have to work after school.



## SPANISH I

1 Credit	Prerequisite: None
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**Spanish I** is an introduction to the four areas of communication: speaking, listening, reading, writing, and understanding of the language and culture. The student will do various listening and speaking activities following a conversational format, writing activities that include rote drill and composition development, and reading and video activities focused on cultural elements of various Spanish-speaking countries.

## HONORS SPANISH II

1 Credit	Prerequisite: Spanish I
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**Honors Spanish II** is an advanced study of Spanish. Students will focus on grammar and vocabulary with an increased emphasis on the four areas of communication. Students will focus on the study of culture, history and literature associated with the Spanish language.

# MATHEMATICS

All students must take a math course in each year of their high school enrollment.

## ALGEBRA I

1 Credit	Prerequisite: None
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**Algebra I** uses problem situations, physical models, and appropriate technology to extend algebraic thinking and engage student reasoning. Algebra I emphasizes linear and quadratic expressions, equations and functions. This course also introduces students to polynomial, rational and exponential functions with domains in the integers. Students build upon previous knowledge of equations and inequalities to reason, solve, and represent equations and inequalities numerically and graphically. The student will take the Algebra I End-of-Course test upon completion of the course.

## HONORS ALGEBRA I

1 Credit	Prerequisite: Entrance Exam
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**Algebra I H** includes everything that is in the College Prep *Algebra I*, but goes more depth and is taught at a faster pace. Some Geometry and Algebra II concepts are covered. The student is expected to be self-motivated and capable of doing independent as well as group work. Some of the requirements for Honors Algebra 1 can include research, reading assignments, writing assignments and projects to enhance understanding of the objectives studied in the course and to apply course curriculum to relevant or real-world situations. The student will take the Algebra I End-of-Course test upon completion of this course.

## GEOMETRY

1 Credit	Prerequisite: Algebra I
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**Geometry** emphasizes similarity, right triangle trigonometry, congruence, and modeling geometry concepts in real life situations. Students build upon previous knowledge of similarity, congruence, and triangles to be able to reason mathematically. This course also introduces students to circles. Students show a progression of mastery and understanding of the use and application of surface area and volume.

## HONORS GEOMETRY

1 Credit	Prerequisite: Alg I/Teacher recommendation
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**Geometry H** emphasizes similarity, right triangle trigonometry, congruence, and modeling geometry concepts in real life situations. Students build upon previous knowledge of similarity, congruence, and triangles to be able to reason mathematically. This course also introduces students to circles, right triangle trigonometry, transformations and using theorems to prove congruence and similarity in shapes. Students will incorporate more problem-solving into all of these areas. Students show a progression of mastery and understanding of the use and application of surface area and volume. Students will learn to construct geometric shapes using given tools. Students will apply and analyze constructions, express geometric properties with equations, do more complex proofs and go more in-depth with all topics. This level may also include research, reading and writing assignments and projects to enhance the understanding of the objectives studied in the course and to apply course curriculum to relevant real-world situations.

## ALGEBRA II

1 Credit	Prerequisite: Algebra I and Geometry
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**Algebra II** emphasizes polynomial, rational and exponential expressions, equations, and functions. This course also introduces students to the complex number system, basic trigonometric functions, and foundational statistics skills such as interpretation of data and making statistical inferences. Students build upon previous knowledge of equations and inequalities to reason, solve, and represent equations and inequalities numerically and graphically.

## HONORS ALGEBRA II

2 Credits	Prerequisite: Algebra I and Geometry/Teacher recommendation
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**Algebra II H** emphasizes polynomial, rational and exponential expressions, equations, and functions. This course also introduces students to the complex number system, basic trigonometric functions, and foundational statistics skills such as interpretation of data and making statistical inferences. Students build upon previous knowledge of equations and inequalities to reason, solve, and represent equations and inequalities numerically and graphically. Honors classes must also meet the following criteria: It is designed for advanced students who are capable of a more rigorous study of Algebra II at an accelerated pace. In addition to the material covered in Standard Algebra II, students explore more challenging problems. All topics are covered in greater depth and there is a strong emphasis on problem-solving, critical analysis, and application. Students will also cover the ACT math standards. Some of the course requirements for Honors Algebra II include research, reading assignments, writing assignments, and projects to enhance understanding of the objectives studied in the course and to apply course curriculum to relevant or real-world situations.

## HONORS PRECALCULUS

1 Credit	Prerequisite: Alg. I, II, Geometry See School Counselor for additional criteria
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**Precalculus H** is designed to prepare students for college level STEM focused courses. Students extend their knowledge of the complex number system to use complex numbers in polynomial identities and equations. Topics for student mastery include equations, inequalities, properties of functions, models, functions, trigonometric functions, triangles, and circles. All students enrolled in a statewide dual credit course take the online challenge exam, which is used to assess mastery of the postsecondary-level learning objectives. Students who meet or exceed the exam 'cut score' receive college credit that can be applied to any Tennessee public postsecondary institution.

### SDC

### EPSO-Motlow DE

## Mathematical Reasoning for Decision Making

1 Credit	Prerequisite: Alg I, II, and Geometry
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**Mathematical Reasoning for Decision Making:** Applications and modeling using mathematics are the primary foci of this course. Throughout the course, students explore mathematical content in the context of applications to the real-world. Topics will build upon previous knowledge requiring students to reason, solve, and represent mathematical concepts in multiple ways to encourage the use of math to answer problems students will encounter in life. This course is best intended for students who are planning to attend a College of Applied Technology, military service, or enter the workforce immediately following graduation

## SCIENCE

### ECOLOGY

1 Credit	Prerequisite: None
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**Ecology** This course enables students to develop an understanding of the natural environment and the environmental problems the world faces. Course topics include ecological principles, population dynamics, natural resources, energy resources, and human interaction with the environment. Students will develop a basic understanding of ecology as a basis for making ethical decisions and career choices. Particular emphasis will be placed on the local environment.

### PHYSICAL SCIENCE

1 Credit	Prerequisite: None
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**Physical Science** is a laboratory course that explores the relationship between energy and matter. The student will investigate force and motion, structure and properties of matter, interaction of matter, and energy through inquiry learning.

### HONORS PHYSICAL SCIENCE

1 Credit	Prerequisite: Entrance Exam
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**Honors Physical Science** includes the same areas of study as Physical Science but is designed for the accelerated student who is able to apply algebraic and problem solving skills. Students will be expected to experience the content of Physical Science through inquiry learning in both classroom and laboratory settings.

### BIOLOGY I

1 Credit	Prerequisite: Physical Science is not required, but most students take Physical Science first.
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**Biology I** is a laboratory science course that investigates the relationship between structure and function from molecules to organisms and systems, the interdependence and interactions of biotic and abiotic components of the environment, and mechanisms that maintain continuity and lead to changes in populations over time. Students explore biological concepts through an inquiry approach. The student will take a Biology I end-of-course test upon completion of the course.

## HONORS BIOLOGY I

1 Credit	Prerequisite: see counselor for criteria
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**Honors Biology I** includes the same areas of study as Biology I but is designed for the student who needs a strong biological foundation for future studies or career choices. The student will be expected to demonstrate high skills in reading, writing and the ability to operate independently and as a group member, both in regular classroom operations, laboratory settings, and special assignments. The student will take a Biology I end-of-course test upon completion of the course.

**EPSO - Motlow DE**

## CHEMISTRY I

1 Credit	Prerequisite: Algebra I, Physical Science, Biology I
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*Chemistry I* is a laboratory science course in which students investigate the composition of matter and the physical and chemical changes it undergoes. Students use science process skills to study the fundamental structure of atoms, the way atoms combine to form compounds, and the interactions between matter and energy. Students explore chemistry concepts through an inquiry-based approach.

## HONORS CHEMISTRY I

1 Credit	Prerequisite: see counselor for criteria
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This laboratory course is an intense college preparatory course that explores the properties of substances and the changes that substances undergo. Students will investigate atomic structure, matter and energy, interactions of matter, and the properties of solutions and acids and bases. Students will be expected to apply research and algebraic skills in a technology and laboratory rich environment.

**EPSO - Motlow DE**

## HONORS HUMAN ANATOMY AND PHYSIOLOGY

1 Credit	Prerequisite: None
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**Honors Anatomy and Physiology** Honors Human Anatomy and Physiology is a laboratory science course that includes an in-depth study of the body systems that maintain homeostasis from anatomical, physiological, and histological perspectives. Students explore anatomical and physiological concepts through an inquiry-based approach. Embedded standards for Inquiry and Technology & Engineering are taught in the context of the content standards for Anatomical Orientation, Protection, Support, and Movement, Integration and Regulation, Transportation, Absorption and Excretion, Reproduction, Growth, and Development.

# SOCIAL STUDIES

## WORLD HISTORY

1 Credit	Prerequisite: None
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**World History** surveys the history of modern humankind beginning with the Age of Enlightenment and proceeding to the growth of modern nations with a more concentrated focus from the Age of Revolutions and World Wars to the present day with an emphasis on cause and effect. Students will be expected to develop writing, critical reading, and critical thinking skills.

## HONORS WORLD HISTORY

1 Credit	Prerequisite: Entrance Exam
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**Honors World History** is designed for the accelerated student and will utilize different methods that historians use to interpret the past, including points of view and historical context. The honors student will complete class research projects related to the course work and personal interest. The course surveys the history of modern humankind beginning with Spanish Exploration of the 15th Century. A more concentrated focus on Age of Revolutions, World Wars, and the Cold War, will bring the course to present day issues.

**EPSO - Motlow DE**

## UNITED STATES HISTORY

1 Credit	Prerequisite: None
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**US History** covers major topics from the Reconstruction period (1870) through the present. This includes, but not limited to, social and political conditions during the industrial revolution, the growth of cities during the progressive era, the trends of traditionalism and modernism in the 1920's, the Great Depression, the economic boom and social transformation during Modern US, and events and trends from the 1980's until present day. There will be a focus on using primary source materials for these topics to enhance writing skills.

## SDC UNITED STATES HISTORY

1 Credit	Prerequisite: None
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**Statewide Dual Credit (SDC) American History** is a college-level course taught by high school teachers that focuses on the social, cultural, political, economic and military history of America from Post Civil War (1865) to the present (2024). The course culminates in a challenge exam that assesses students' mastery of postsecondary-level learning objectives.

Students who pass the exam receive college credit that can be used at any Tennessee public postsecondary institution.

**EPSO - Motlow DE**

## UNITED STATES GOVERNMENT

½ Credit	Prerequisite: None
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**Government** focuses upon the founding principles and beliefs of the United States. Students will study the structure, functions, and powers of government at the national, state, and local levels. The study of our political and legal process will better prepare the students to assume the responsibilities that come with living in a democratic society.

## ECONOMICS

½ Credit	Prerequisite: None
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**Economics** is designed to help students understand how people, businesses, and governments choose to use resources. The following topics are addressed: consumer decision-making, supply and demand, market organization, economic measurements, financial structures, unemployment and inflation, monetary and fiscal policies, and globalization.

## PERSONAL FINANCE

½ Credit	Prerequisite: None
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**Personal Finance** is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Topics covered will include income, money management, spending and credit, as well as saving and investing.

**EPSO - Motlow DC**

## SDC PSYCHOLOGY

1 Credit	Prerequisite: None
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**Statewide Dual Credit (SDC) Psychology** is a college-level course taught by high school teachers that focuses on an introduction to the field of psychology. Students will examine several topics including: History and Approaches, Research, Brain Physiology and Function, Human Development, Sensation & Perception, Memory, Consciousness, Cognition and Intelligence, Psychological Disorders, Therapy/Treatment, Social Psychology, Motivation and Emotion, Health Psychology, Learning, and Personality. The course culminates in a challenge exam that assesses students' mastery of postsecondary-level learning objectives. Students who pass the exam receive college credit that can be used at any Tennessee public postsecondary institution.

**SDC**

**EPSO - Motlow DE**

## SOCIOLOGY

1 Credit	Prerequisite: None
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In **Sociology** Students will explore the ways sociologists view society, and also how they study the social world. In addition, students will examine culture, socialization, deviance and the structure and impact of institutions and organizations. Also, students will study selected social problems and how change impacts individuals and societies.

# FINE ARTS

## VISUAL ART I

1 Credit	Prerequisite: None
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In **Art I** is an introduction course that covers the elements of drawing, color theory, painting, clay and sculpture. Students will apply various media, techniques, and processes in the creation and analysis of artworks. Students will strive to achieve technical mastery in the areas of art production, art criticism, aesthetics, and art history.

## VISUAL ART II

1 Credit	Prerequisite: Visual Art I
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**Visual Art II** builds on the concepts learned from Visual Art I and is designed for students who enjoy art and are interested in advancing their skill level. The project work is more rigorous and the concepts addressed are more advanced and comprehensive. Students will create, evaluate, and research the historical context of works of art.

## VISUAL ART III

1 Credit	Prerequisite: Visual Art I, Visual Art II
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**Visual Art III** builds on Visual Art II and is designed for the motivated student who wishes to study and practice quality visual art in a studio setting.

## CONCERT AND MARCHING BAND

1 Credit	Prerequisite: Instructor Approval
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**Concert Band** will provide an opportunity for brass, woodwind, and percussion students to learn and perform concert band music, some contemporary and popular music, and marches. Some class time will be devoted to skill development, although not at the beginning level. This course may require after school rehearsals, performances and/or field trip(s) that will be used as part of the evaluation process. Students are required to participate in all band activities.

**The Marching Band** will perform at all designated football games, pep rallies, parades, marching contests, concerts, and festivals. This course may require after school rehearsals, performances and/or field trip(s) that will be used as part of the evaluation process. Attendance at band camp, all outside-of-school rehearsals, and performances is required.

## GENERAL MUSIC

1 Credit	Prerequisite: None
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**General Music** is an introduction to music through an aural study of compositions by major composers of each historical period. Emphasis is on exploring the variety of styles of each period and the development of basic listening skills. Styles and historical periods are from Renaissance to the 20th century including theater, country, and pop music.



# HEALTH AND PHYSICAL EDUCATION

## LIFETIME WELLNESS

1 Credit	Prerequisite: None
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**Wellness** is a required course. It stresses a lifelong process of positive lifestyle management that seeks to integrate the social, emotional, intellectual, and physical self for a more productive, quality lifestyle. Wellness contains the following modules: nutrition, personal fitness and related skills, mental health, disease prevention and control, sexuality and family life, substance use and abuse, and safety and first aid.

## PHYSICAL EDUCATION

1 Credit or ½ Credit	Prerequisite: None
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**Physical Education** provides students with the knowledge and skills necessary to perform a variety of physical activities, to maintain physical fitness, and to value as well as enjoy physical activities as an ongoing part of a healthy lifestyle.

## PERSONAL FITNESS

1 Credit	Prerequisite: None
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**Personal Fitness** continues on with and expands on the skills taught in wellness. In addition students have the opportunity to develop skills in various lifetime games that they can play throughout their life at any age. Some of these include frisbee golf, golf, horseshoes and bowling.

## RECREATIONAL GAMES

1 Credit	Prerequisite: None
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**Recreational Games** provides students the opportunity to develop skills and knowledge in individual and team based sports and activities. These consist of, but not limited to, basketball, badminton, pickleball, table tennis, ultimate frisbee, ultimate football, softball, baseball, weight training, power walking, speedminton, teambuilding, exercise, collaborative games, cornhole and volleyball.

## WEIGHTLIFTING

1 Credit	Prerequisite: None
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**Weightlifting** is a physical education class that involves weight training and agility. It emphasizes improvement in the student's athletic abilities with the athletic coaches choosing the training program that best fits the student.

# CAREER AND TECHNICAL EDUCATION

CTE Career Clusters & Standards

Career and Technical Education (CTE) is an integral part of a student's overall educational experience. Graduation requirements include three (3) credits in a focus area. CTE Pathways satisfy this requirement.

# AGRICULTURE, FOOD & NATURAL RESOURCES

## Focus Areas

<b>Agriculture Engineering and Applied Technology</b>	<b>Veterinary and Animal Science</b>
<ul style="list-style-type: none"> <li>• Agriscience</li> <li>• Principles of Agriculture Mechanics</li> <li>• Agricultural Power and Equipment</li> <li>• Agricultural Fabrication and Biosystems Engineering</li> </ul>	<ul style="list-style-type: none"> <li>• Agriscience</li> <li>• Small Animal Science</li> <li>• Large Animal Science</li> <li>• Veterinary Science</li> </ul>

### AGRICULTURE ENGINEERING AND APPLIED TECHNOLOGY

#### AGRISCIENCE

1 Credit	Prerequisite: None Grades 9-10
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**Agriscience** is an introductory course that prepares students for subsequent agriculture courses. This course helps students understand the important role that agricultural science and technology serves in the 21<sup>st</sup> century.

#### PRINCIPLES OF AGRICULTURAL MECHANICS

1 Credit	Prerequisite: Agriscience
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**Principles of Agricultural Mechanics** is an intermediate course introducing students to basic skills and knowledge in construction and land management for both rural and urban environments. This course covers topics including project management, basic engine and motor mechanics, land surveying, irrigation and drainage, agricultural structures, and basic metalworking techniques. Upon completion of this course, proficient students will be prepared for more advanced coursework in agricultural mechanics. .

#### AGRICULTURAL POWER AND EQUIPMENT

1 Credit	Prerequisite: Agriscience
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**Agricultural Power and Equipment** is an applied course in agricultural engineering with special emphasis on laboratory activities involving small engines, tractors, and agricultural equipment. The standards in this course address navigation, maintenance, repair, and overhaul of electrical motors, hydraulic systems, and fuel-powered engines as well as exploration of a wide range of careers in agricultural mechanics. Upon completion of this course, proficient students will be able to pursue advanced training in agricultural engineering and related fields at a postsecondary institution

#### AGRICULTURAL FABRICATION AND BIOSYSTEMS ENGINEERING

1 Credit	Prerequisite: Agriscience
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***Agricultural Fabrication and Biosystems Engineering*** is an applied course that prepares students for further study or careers in engineering, environmental science, agricultural design and research, and agricultural mechanics and fabrication. Special emphasis is given to the many modern applications of geographic information systems (GIS) and global positioning systems (GPS) to achieve various agricultural goals. Upon completion of this course, proficient students will be able to pursue advanced training in agricultural engineering, industrial, mechanical and related fields at a postsecondary institution.

## **VETERINARY AND ANIMAL SCIENCE**

### **AGRISCIENCE**

1 Credit	Prerequisite: None
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***Agriscience*** is an introductory course that prepares students for subsequent agriculture courses. This course helps students understand the important role that agricultural science and technology serves in the 21<sup>st</sup> century.

### **SMALL ANIMAL SCIENCE**

1 Credit	Prerequisite: Agriscience
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***Small Animal Science*** is for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers anatomy and physiological systems of different groups of small animals, as well as careers, leadership, and history of the industry.

### **LARGE ANIMAL SCIENCE**

1 Credit	Prerequisite: Agriscience
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***Large Animal Science*** is for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers anatomy and physiological systems of different groups of large animals, as well as careers, leadership, and history of the industry.

### **VETERINARY SCIENCE**

1 Credit	Prerequisite: Agriscience
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***Veterinary Science*** challenges students to use advanced technologies and medical treatments to maintain the health of animals. This course covers principles of health and disease, basic animal care and nursing, clinical and laboratory procedures, and additional industry-related career and leadership knowledge and skills.

# **BUSINESS MANAGEMENT AND ADMINISTRATION**

## **Focus Areas**

<b>Business Management</b>	<b>Office Management</b>
<ul style="list-style-type: none"> <li>● Introduction to Business &amp; Marketing</li> <li>● Accounting I</li> <li>● Business Management</li> </ul>	<ul style="list-style-type: none"> <li>● Computer Applications</li> <li>● Business Communications</li> <li>● Advanced Computer Apps</li> </ul>

## **BUSINESS MANAGEMENT**

### **INTRODUCTION TO BUSINESS AND MARKETING**

1 Credit	Prerequisite: None Grades 9-10
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***Introduction to Business and Marketing*** helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers.

**SDC**

### **BUSINESS MANAGEMENT**

1 Credit	Prerequisite: Introduction to Business and Marketing Grades 10-12
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***Business Management*** focuses on the development of the planning, organizing, leading, and controlling functions required for the production and delivery of goods and services. This course addresses the management role of utilizing the businesses' resources of employees, equipment, and capital to achieve an organization's goals.

### **ACCOUNTING I**

1 Credit	Prerequisite: Introduction to Business and Marketing Grades 10-12
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***Accounting I*** introduces concepts and principles based on a double-entry system of maintaining the financial records of a sole proprietorship, partnership, and corporation. It includes analyzing business transactions, journalizing, posting, and preparing worksheets and financial statements.

## **OFFICE MANAGEMENT**

### **COMPUTER APPLICATIONS**

1 Credit	Prerequisite: None Grades 9-12
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**Computer Applications** is designed to develop computer technology skills. Students will develop skills that will assist them in using *Microsoft Word, PowerPoint, Publisher, and Excel*.

### **BUSINESS MANAGEMENT**

1 Credit	Prerequisite: Introduction to Business and Marketing Grades 10-12
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**Business Management** focuses on the development of the planning, organizing, leading, and controlling functions required for the production and delivery of goods and services. This course addresses the management role of utilizing the businesses' resources of employees, equipment, and capital to achieve an organization's goals.

### **ADVANCED COMPUTER APPLICATIONS**

1 Credit	Prerequisite: Computer Applications Grades 10-12
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**Advanced Computer Applications** provides advanced training for students pursuing a career in administrative and information support, and prepares students to continue postsecondary training in business-related programs

# SCIENCE, TECHNOLOGY, ENGINEERING AND MATH (S.T.E.M.)

## Focus Areas

### STEM Education

- STEM I: Foundation
- STEM II: Applications
- STEM III: STEM in Context

### STEM I: FOUNDATION

1 Credit

Prerequisite: None  
Grades 9-10

**STEM I** is a foundational course in the STEM cluster for students interested in learning more about careers in science, technology, engineering, and mathematics. Upon completion of this course, proficient students are able to identify and explain the steps in both the engineering design and the scientific inquiry processes.

### STEM II: APPLICATIONS

1 Credit

Prerequisite: STEM I  
Grades 10-12

**STEM II** is a project-based learning experience for students who wish to further explore the dynamic range of STEM fields. This course asks students to apply the scientific inquiry and engineering design processes to a course-long project selected by the instructor with the help of student input.

### STEM III: STEM IN CONTEXT

1 Credit

Prerequisite: STEM II  
Grades 10-12

**STEM III** is an applied course in the STEM cluster which allows students to work in groups to solve a problem or answer a scientific question drawn from real-world scenarios within their schools and communities. Proficient students will be able to effectively use skills such as project management, team communication, leadership, and decision making.

# ADDITIONAL OFFERINGS:

## WORK BASED LEARNING (WBL)

1 Credit	Prerequisite: Application Approval Grade 12
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**Work Based Learning** is a proactive approach to bridging the gap between high school and high-demand, high-skill careers in Tennessee. Students build on classroom-based instruction to develop employability skills that prepare them for success in postsecondary education and future careers. Through experiences like internships, apprenticeships, and paid work experience, seniors (16 years or older) may earn high school credit.

## COMPUTER SCIENCE

1 Credit	
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**Computer Science** is a course intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Web Design, and Cybersecurity. As a result, students will complete all core standards, as well as standards in two of four focus areas. Upon completion of this course, proficient students will be able to describe various information technology (IT) occupations and professional organizations

**For more complete descriptions and course standards go to:**  
<https://www.tn.gov/education/districts/academic-standards.html>