

# HUNTLAND HIGH SCHOOL

## Course Description Handbook

**2019-2020**

Updated 7-9-19



# STATE OF TENNESSEE MINIMUM HIGH SCHOOL GRADUATION REQUIREMENTS (22 Credits)

## English—4 Credits

English I  
English I  
English III  
English IV

## Mathematics—4 Credits

Algebra I  
Geometry  
Algebra II  
Upper Level Math

## Science—3 Credits

Biology I  
Chemistry I  
Lab Science

## Social Studies—3 Credits

World History  
United States History  
Economics/Government—1 credit

## Physical Education & Wellness—1.5 Credits

Wellness  
Physical Education—.5 credit

## Personal Finance—.5 Credit

Personal Finance

## \*Foreign Language—2 Credits

Spanish I  
Spanish II

## Elective Focus—3 Credits

Elective Focus

## \*Fine Arts—1 Credit

Music 1, 2, or 3  
Art 1, 2, 3, or 4

### **(24 total credits are required for Huntland High School graduation)**

Students must complete an Elective Focus of 3 credits in: a state approved CTE Program of Study, Fine Arts, Physical Education or Advanced Placement.

\*The Fine Arts and Foreign Language requirement may be waived for students who are not attending a University or Community College. Student and parents must sign waiver. These 3 credits must be replaced with courses designed to enhance and expand the elective focus.

# HUNTLAND HIGH SCHOOL

## FOUR YEAR PLAN

<b>Graduation Requirements</b>	
English	4 credits
Math	4 credits
Science	3 credits
Social Studies	3 credits
Wellness	1 credit
Physical Education	.5 credit
Personal Finance	.5 credit
<b>Fine Arts</b>	<b>1 credit (*)</b>
<b>Music</b>	
<b>Visual Arts</b>	
<b>Foreign Language</b>	<b>2 credits (*)</b>
<b>Spanish I</b>	
<b>Spanish II</b>	
<b>Elective Focus</b>	<b>3 credits (*)</b>
<b>Fine Arts (Band 1, 2, 3, 4)</b>	
<b>Fine Arts (Art 1, 2, 3, 4)</b>	
<b>Agricultural Education</b>	
<b>Business and Technology</b>	
<b>STEM</b>	
<b>---OR---</b>	
<b>CTE Elective Focus</b>	<b>6 credits (*)</b>
<b>Agricultural Education</b>	
<b>Business and Technology</b>	
<b>STEM</b>	

<b>Ninth Grade</b>	
1 credit	English I
1 credit	Algebra I
1 credit	Physical Science
1 credit	Wellness
1 credit	Physical Education
1 credit	World History
1 credit	Elective _____
<b>Tenth Grade</b>	
1 credit	English II
1 credit	Geometry
1 credit	Biology
1 credit	Spanish I
1 credit	Personal Finance/PE
1 credit	Elective _____
1 credit	Elective _____
<b>Eleventh Grade</b>	
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 _____
<b>Twelfth Grade</b>	
1 credit	English IV
.5 credit	Government
.5 credit	Economics
1 credit	Bridge Math/Trigonometry/Calculus
1 credit	Fine Arts
1 credit	Elective _____
1 credit	Elective _____
1 credit	Elective _____

## **Graduation Requirements (Board Policy 4.605)**

Students must earn at least twenty-eight (28) Carnegie units in a high school that is on block schedule (4 classes per day for the semester). When a high school operates on a seven-period day, a minimum of twenty-four (24) credits will be required. In cases where a student transfers into a high school on block schedule from a high school on a six- or seven-period day, the number of credits needed to graduate will be determined on a proportional basis, somewhere between 24 and 28 unless there is sufficient time for the 28 courses to be attained.

To meet the requirements for graduation, a student shall have attained an approved attendance, conduct, and subject matter record which covers a planned program of education, and such records shall be kept on file in the high school. The program of studies shall include areas and content in these areas within State Board of Education Regulations and shall be flexible enough to facilitate progress from one stage of development to another, thus providing for more effective student adjustment.

Before graduation, every student shall:

- achieve specified units of credit
- take the required End-of-Course exams
- have satisfactory records of attendance and conduct
- complete an examination in the 11<sup>th</sup> grade...ACT

## **Honor Students**

In order for students to be considered a Huntland Honor Student, students must:

1. have minimum grade point average (GPA) of 3.75—not rounded up
2. complete the specific requirements of either the University Path or Technical Path

### **Minimum of TEN credits from these courses:**

English I, II, III, or IV (AP) (H)

Pre-Calculus (H)

Geometry (H)

Algebra II (H)

Chemistry I (H)

Anatomy & Physiology (H)

Biology (H)

Algebra I (H)

Spanish II (H)

Physical Science (H)

World History (H)

US History (H)

## **Valedictorian and Salutatorian**

Valedictorian and Salutatorian must qualify as Honor Students. 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(s) 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 21
- Science 24

## **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 Program
- 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**

(additional school requirement—see school counselor for criteria)

**Dual Credit** is a postsecondary course or 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. Award amount is up to \$300 per semester for 1 course. For an additional course per semester with a total semester amount not to exceed \$600 (\$1200 per academic year), 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

## **LINKS**

[\*\*Tennessee Academic Standards\*\*](#)

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

# LANGUAGE ARTS AND FOREIGN LANGUAGE

## **ACT PREP**

<b>.5 Credit</b>	<b>Prerequisite: ENGLISH I AND II, ALGEBRA I, GEOMETRY</b>
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ACT PREP includes an overview of the ACT and its contents, test-taking strategies, a review of the ALL focus areas, and full-length test simulation.

## **ENGLISH I**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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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.

## **ENGLISH I HONORS**

<b>1 Credit</b>	<b>Prerequisite: See School Counselor for Criteria</b>
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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**

<b>1 Credit</b>	<b>Prerequisite: English I</b>
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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.

## ENGLISH II HONORS

1 Credit	Prerequisite: See School 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.

## ENGLISH III HONORS

1 Credit	Prerequisite: See School Counselor for Criteria
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English III 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. 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 reading and projects are required.

## ENGLISH IV

1 Credit	Prerequisite: English I, II, and 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.



## ENGLISH IV HONORS

1 Credit	Prerequisite: See School Counselor for Criteria
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The Honors English IV course offers the accelerated student the opportunity to focus on reading works of literary merit by British writers and to refine composition and analytical skills. Accelerated vocabulary study and research techniques are a vital part of the course. Summer reading is required.

**EPSO – MOTLOW**

## ADVANCED PLACEMENT ENGLISH IV

1 Credit	Prerequisite: See School Counselor for Criteria
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Advanced Placement English IV focuses on critical analyses of literature through writing assignments. Students are encouraged to develop critical standards for independent appreciation of literary works and sensitivity to literature as a shared experience. Works of literary merit are read during the year, followed by analytical writing and discussion. Students also study accelerated vocabulary and research techniques. Students prepare to take the Advanced Placement Literature and Composition Examination administered by the College Board to earn college credit. Additional works of literary merit are required for summer reading.

**EPSO – AP**

## JOURNALISM—YEARBOOK

1 Credit	Prerequisite: See School Counselor for Criteria
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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**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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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.**

## **SPANISH II**

<b>1 Credit</b>	<b>Prerequisite: Spanish I</b>
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**Spanish II is a continuation of the topics learned in Spanish I and will include more basic vocabulary and more opportunities to practice conversational skills. Students will strive to build more advanced skills in the four areas of communication from Spanish I.**

## **SPANISH II HONORS**

<b>1 Credit</b>	<b>Prerequisite: Spanish I; See School Counselor for Criteria</b>
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**Spanish II H 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

## **Algebra I**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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Algebra I includes the use of 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.

## **Algebra I Honors**

<b>1 Credit</b>	<b>Prerequisite: See School Counselor for Criteria</b>
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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**

<b>1 Credit</b>	<b>Prerequisite: Algebra I</b>
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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, 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.

## Geometry Honors

1 Credit	Prerequisite: Algebra I; See School Counselor for Criteria
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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. Honors is designed for advanced students who are capable of a more rigorous study at an accelerated pace. 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. In addition to the material covered in Regular 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.

## Algebra II Honors

1 Credit	Prerequisite: Algebra I and Geometry; See School Counselor for Criteria
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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.

### **Pre-Calculus Honors**

1 Credit	Prerequisite: Algebra I, II, & Geometry; See School Counselor for Criteria
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Pre-calculus 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.

### **ESPO SWD Credit**

### **Bridge Mathematics**

1 Credit	Prerequisite: Algebra I, II, and Geometry; See School Counselor for Criteria; Recommended ACT of 18 or less
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Bridge Math is designed to prepare students for college level mathematics. Included in the course of study are diagrammatic, verbal, symbolic, graphical and numerical mathematics. A new approach will be used to develop concepts, make connections and support concepts through applications with numbers, geometry, functions and data. The Bridge Mathematics course is recommended for students who have not scored a 19 or higher on the ACT by the beginning of the senior year.

# SCIENCE

## **Physical Science**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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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.

## **Physical Science Honors**

<b>1 Credit</b>	<b>Prerequisite: See School Counselor for Criteria</b>
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Physical Science H 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**

<b>1 Credit</b>	<b>Prerequisite: Physical Science recommended but not required</b>
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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.

## **Biology I Honors**

<b>1 Credit</b>	<b>Prerequisite: Physical Science recommended but not required</b>
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Biology I H 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.

## Chemistry I

1 Credit	Prerequisite: Algebra I, Physical Science, and 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.

## Chemistry I Honors

1 Credit	Prerequisite: Algebra I, Physical Science, and Biology I; See School Counselor for Criteria
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Chemistry I H 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.

## Environmental Science

1 Credit	Prerequisite: None
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Environmental Science establishes the content knowledge and skills for Tennessee students necessary to prepare them for the rigorous levels of higher education and future job markets. The course provides students with an opportunity to develop an understanding of interrelationships in the natural world. In addition, it allows them to identify natural and man-made environmental problems and design and evaluate possible solutions for these problems.

## Anatomy and Physiology Honors

1 Credit	Prerequisite: See School Counselor for Criteria
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Anatomy and Physiology H is the study of the human anatomy and physiological functions as well as descriptive results of abnormal physiology with clinical consequences. Students are expected to use the appropriate medical terminology. This course is highly recommended for serious students who are planning a Health Science focus.

# SOCIAL STUDIES

## **World History**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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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.

## **World History Honors**

<b>1 Credit</b>	<b>Prerequisite: See School Counselor for Criteria</b>
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World History H 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.

**ESPO SWD Credit**

## **United States History**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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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.

**ESPO SWD Credit**



## United States History Honors

1 Credit	Prerequisite: See School Counselor for Criteria
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This course is meant to challenge and prepare (and hopefully encourage) students for further historical and political study. The focus of the course will be establishing and analyzing major historical, political, social, economic, cultural and intellectual trends in US history.

## Economics

.5 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.

## Government

.5 Credit	Prerequisite: None
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Students will examine the allocation of scarce resources and consider the economic reasoning used by consumers, producers, savers, investors, workers, and voters. Students will explore the concepts of scarcity, supply and demand, market structures, national economic performance, money and the role of financial institutions, economic stabilization, and trade. Finally, students will examine key economic philosophies and economists who have and continue to influence economic decision making.

## Personal Finance

.5 Credit	Prerequisite: See School Counselor for Criteria
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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.

## **Sociology**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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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.

## **Psychology**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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Psychology students will study the development of the individual personality. The six social studies standards of culture, economics, geography, government, history, and group dynamics will be integrated into the study of the science of human behavior.

**ESPO SWD Credit**

# **FINE ARTS**

## **Visual Art I**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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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**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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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**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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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.

## **Visual Art IV**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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Visual Art IV builds on Visual Art III and is designed for the motivated student who wishes to study and practice quality visual art in a studio setting while pursuing a post-secondary degree in the Visual Arts

## **General Music**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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General Music is a course that seeks to give students an understanding of the elements, history and role of music in society. A comprehensive and sequential program of study gives students the opportunity to appreciate the performance as well as the creation of musical pieces.

## **Concert and Marching Band**

<b>1 Credit</b>	<b>Prerequisite: Instructor Approval</b>
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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.**

# **HEALTH AND PHYSICAL EDUCATION**

## **Lifetime Wellness**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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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**

<b>.5 or 1 Credit</b>	<b>Prerequisite: None</b>
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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**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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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.

## **Recreational Games**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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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**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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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.

# **AGRICULTURE, FOOD & NATURAL RESOURCES**

## Focus Areas/Program of Study

### **AGRIBUSINESS**

- Agriscience
- Principles of Agribusiness
- Organizational Leadership and Communication

### **VETERINARY AND ANIMAL SCIENCE**

- Agriscience
- Small Animal Science
- Large Animal Science\*

### **AGRICULTURAL ENGINEERING AND APPLIED TECHNOLOGIES**

- Agriscience
- Principles of Agricultural Mechanics
- Agricultural Power and Equipment\*

### **Agriscience**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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Agriscience is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. This course helps students understand the important role that agricultural science and technology plays in the twenty-first century. In addition, it serves as the first course for all programs of study in the Agriculture, Food, & Natural Resources cluster. Upon completion of this course, proficient students will be prepared for success in more advanced agriculture and science coursework. This course counts as a lab science credit toward graduation requirements.

### **Principles of Agribusiness**

<b>1 Credit</b>	<b>Prerequisite: Agriscience</b>
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Principles of Agribusiness teaches students to apply the economic and business principles involved in the sale and supply of agricultural products to a wide range of careers across the industry and builds foundational knowledge of finance and marketing principles. Upon completion of this course, proficient students will be prepared for more advanced coursework in the Agribusiness program of study.

### **Organizational Leadership and Communication**

<b>1 Credit</b>	<b>Prerequisite: Principles of Agribusiness</b>
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Organizational Leadership and Communications is an applied-knowledge course for students interested in learning more about the attributes and skills of successful leaders in the agriculture industry. This course covers organizational behavior, communication, management, and leadership topics. Students participate in activities that will assist them in the development of communication and interpersonal skills transferrable to any agribusiness application.

### **Small Animal Science**

<b>1 Credit</b>	<b>Prerequisite: Agriscience</b>
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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**

<b>1 Credit</b>	<b>Prerequisite: Small Animal Science</b>
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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.

### **Principles of Agricultural Mechanics**

<b>1 Credit</b>	<b>Prerequisite: Agriscience</b>
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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**

<b>1 Credit</b>	<b>Prerequisite: Principles of Agricultural Mechanics</b>
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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.**



# **BUSINESS MANAGEMENT AND ADMINISTRATION**

## Focus Areas/Programs of Study

<b>BUSINESS MANAGEMENT</b>
<ul style="list-style-type: none"><li>• Introduction to Business and Marketing</li><li>• Account I</li><li>• Business Management</li></ul>

<b>OFFICE MANAGEMENT</b>
<ul style="list-style-type: none"><li>• Computer Application</li><li>• Business Management</li><li>• Advanced Computer Applications</li></ul>

### **Introduction to Business and Marketing**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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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.

### **Accounting I**

<b>1 Credit</b>	<b>Prerequisite: Introduction to Business and Marketing</b>
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Accounting I is an essential course for students who wish to pursue careers in business and finance, or for those who wish to develop important skillsets related to financial literacy. Whether students aspire to be future business owners or work in finance with other companies, accounting skills are fundamental to success and applicable in many different fields. In this course, proficient Accounting students develop skills to analyze business transactions, journalize, post, and prepare worksheets.

### **Business Management**

<b>1 Credit</b>	<b>Prerequisite: Introduction to Business and Marketing and Accounting I</b>
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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.

### **Computer Applications**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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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.**

### **Advanced Computer Application**

<b>1 Credit</b>	<b>Prerequisite: Computer Applications, Business Management</b>
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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.**

# STEM

## Focus Areas/Programs of Study

<b>ADVANCED STEM APPLICATION</b>
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| <ul style="list-style-type: none"><li>• <b>STEM I: Foundation</b></li><li>• <b>STEM II: Application</b></li><li>• <b>STEM III: STEM in Context</b></li></ul> |
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### **STEM I: Foundation**

<b>1 Credit</b>	<b>Prerequisite: None</b>
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**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: Application**

<b>1 Credit</b>	<b>Prerequisite: STEM I Foundation</b>
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**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**

<b>1 Credit</b>	<b>Prerequisite: STEM I Foundation and STEM II Application</b>
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**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.