Moore
PATHWAYS

School Year 2025-2026
Class of 2029

Updated 1/23/2025

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Moore Public Schools Diploma Requirements beginning with Class of 2029

English	**4 units** English 1 (grammar, composition, and literature), English 2 (composition and world literature), English 3 (composition and American literature), English 4 (composition and English literature)
Math	**4 units** 1 unit of Algebra 1 or Algebra 1 taught in contextual methodology 3 units from course options: Algebra 2, Intermediate Algebra, Geometry, or Geometry taught in contextual methodology, PreCalculus, Calculus, Statistics , Mathematics of Finance, and options approved by the State Department of Education approved course work with content and rigor equal to or above Algebra 1.
Science	**3 units** 1 unit of Biology 1 unit of Physical Science, Chemistry, or Physics 1 Unit of Additional Science ma History
Social Studies	**3 units** 1 unit of World History 1 unit of U.S. History .5unit of American Studies (Government) .5 unit of Oklahoma History
Pathway	**6 units** 0.5 unit of Achieve Moore Sucess 0.5 unit of Senior Capstone 5 additional Pathway units
Electives	**3 additional elective courses**
Other	CPR Training, US Naturalization Test, Science Assessment, US History Assessment, ACT or SAT, & ICAP. Some requirements vary by cohort (graduation year). For additional information visit: https://sde.ok.gov/achieving-classroom-excellence-resources
my CAREER & ACADEMIC PLAN	All students are required to complete an Individual Career & Academic Plan. Beginning in 9th grade then annually. Students must take a Career Assessment (annually), write goals towards Post Secondary Endeavors (annually), and complete/update an Education Plan (annually) to include course and pathway information. Additionally, students must complete a Workplace Learning Activity sometime during their 4 years of high school. All progress must be documented using OKCareerGuide.org. For additional information visit: https://www.mooreschools.com/departments/student-services-counseling-ell/graduation-criteria/career-academic-plan

Pathways

Moore Public Schools offers a variety of Pathways for students to explore. These courses are designed for students to explore careers in a given field that ultimately help to prepare you for college, tech school, military and/or the workforce. Every student is required to choose a pathway that is coorelated to their Indiviudal Career and Academic Plan (ICAP). Pathway descriptions are listed below. Take a look at the Pathways and refer to the corresponding section of the catalog for more detailed information!

Advanced Academic Pathway

The Advanced Academic Pathway is designed for high-achieving students who are interested in pursuing rigorous academic challenges in preparation for higher education and careers in research, teaching, or specialized fields. This pathway provides an accelerated curriculum that emphasizes critical thinking, in-depth analysis, and interdisciplinary learning. Students will engage in advanced coursework across various subjects, along with opportunities for research and college-level courses.

Agriculture CTE Pathway

The Agricultural pathway prepares students for careers in farming, crop production, animal husbandry, environmental sustainability, and agricultural technology. Students will gain a deep understanding of agricultural processes, environmental stewardship, and the latest innovations in agribusiness. The pathway emphasizes both traditional practices and modern technologies, equipping students with the skills needed to address global food production and sustainability challenges.

Computer Science & Aviation CTE Pathway

This pathway provides students with the skills needed to pursue a career in technology , software development, and aviation. The program covers programming, algorithms, systems design, and data structures, with an emphasis on real-world applications and problem-solving.

Family & Consumer Sciences CTE Pathway

The Family and Consumer Science pathway is designed to equip students with the knowledge and practical skills needed to manage personal and family resources effectively. This pathway covers a broad range of topics, including nutrition, personal finance, human development, parenting, interior design, and hospitality management. Students will develop skills that are applicable both in their personal lives and in various professional fields such as education, healthcare, business, and social services.

Fine Arts Pathway

The Fine Arts pathway provides students with the opportunity to explore and develop their artistic talents across various disciplines, including visual arts, music, and theatre. This pathway encourages creativity, critical thinking, and technical skills, preparing students for careers in the arts or further study in fine arts, design, or performance. The curriculum emphasizes both the historical and contemporary aspects of the arts, allowing students to understand the cultural significance of art while honing their craft.

Graphic Design, Publication & Computer Repair CTE Pathway

The Graphic Design, Publications, and Computer Repair pathway combines creativity and technical proficiency, preparing students for careers that bridge the digital and technical realms. This interdisciplinary pathway allows students to develop skills in graphic design, digital publishing, and computer repair, giving them the tools to thrive in industries such as advertising, media, IT support, and design. Students will gain expertise in visual communication, print production, computer maintenance, and troubleshooting, with a focus on both creative expression and technical problem-solving.

Pathways

Leadership Pathway

The Leadership Pathway is designed to develop students' leadership potential by providing them with the tools, skills, and experiences necessary to become effective leaders in various settings, such as schools, communities, and future careers. Through a combination of classroom learning, hands-on leadership opportunities, and real-world application, students will learn to inspire, motivate, and guide others. This pathway focuses on key aspects of leadership, including communication, problem-solving, ethics, decision-making, and teamwork. Students will be equipped to lead with integrity and confidence in diverse environments.

Pre-Engineering Pathway

The Pre-Engineering Pathway is designed for students who are interested in pursuing a career in engineering or a related field. This pathway provides students with a solid foundation in mathematics, science, technology, and engineering principles, preparing them for future studies and careers in various engineering disciplines, including mechanical, civil, electrical, aerospace, and computer engineering. Through a blend of theoretical coursework, hands-on projects, and problem-solving exercises, students will develop the critical thinking, technical skills, and creativity needed to excel in the field of engineering. Note: This pathway requires admittance to the MNTC Pre-Engineering program.

Marketing CTE Pathway

The Marketing Pathway is designed to provide students with the knowledge, skills, and hands-on experience necessary to succeed in the dynamic and fast-paced world of marketing. This pathway covers the key principles of marketing, including market research, advertising, digital marketing, branding, and consumer behavior. Students will learn how to develop and implement effective marketing strategies, both in traditional and digital formats, and explore the impact of marketing on businesses and society. The pathway prepares students for careers in marketing, advertising, public relations, sales, and business development.

English

English I

Course Amount: 1.0 **Grades: 9**
Credit Type: English **Prerequisites: None**

This course is a year–long course in which students will evaluate, interpret, and respond to a variety of texts, including fiction, non–fiction, poetry, drama, and media. Students will write for a variety of purposes and audiences, using the writing process to develop effective, coherent work (including multi–paragraph and documented essays) wherein the student demonstrates command of the conventions of Standard English. Finally, students will expand their skills in speaking, listening, and visual literacy.

English II

Course Amount: 1.0 **Grades: 10**
Credit Type: English **Prerequisites: English I**

This course is a year–long course in which students will evaluate, interpret, and respond to a variety of texts from world literature, including fiction, non–fiction, poetry, drama, and media. Students will write for a variety of purposes and audiences, using the writing process to develop effective, coherent work (including multi–paragraph and documented research essays) wherein the student demonstrates command of the conventions of Standard English. Finally, students will expand their skills in speaking, listening, and visual literacy.

English III

Credit Amount: 1.0 **Grade Level: 11**
Credit Type: English **Prerequisites: English II**

This course is a year–long course which builds upon the language arts skills emphasized in English I and II. Students will evaluate, interpret, and respond to a variety of texts in American literature, including fiction, non–fiction, poetry, drama, and media. Students will write for a variety of purposes and audiences, using the writing process to develop effective, coherent work (including multi–paragraph and documented essays, one of which must be a research essay) wherein the student demonstrates command of the conventions of Standard English. In order to succeed with the ACT examination, students will learn and practice test taking strategies pertaining to reading comprehension and Standard English usage. Finally, students will continue developing their skills in speaking, listening, and visual literacy.

Honors English I

Course Amount: 1.0 **Grades: 9**
Credit Type: English **Prerequisites: None**

This course is a year–long course, for which students will receive honors credit, in which students will practice all of the language arts skills included in English I. In addition, students will read and write more intensely in order to prepare them for success in Honors English II. Summer reading is required.

Honors English II

Course Amount: 1.0 **Grades: 10**
Credit Type: English **Prerequisites: English I**

This course is a year–long course, for which students will receive honors credit, in which students will practice all of the language arts skills included in English II. In addition, students will read and write more intensely in order to prepare them for success in AP English Language and Composition. A study of rhetorical elements in writing will also be part of the course in order to help students succeed at the next AP level. Summer reading is required.

AP English Language & Composition (AP Eng III)

Credit Amount: 1.0 **Grade Level: 11**
Credit Type: English **Prerequisites: English II**

This course is a year–long course, for which students will receive honors credit, closely follows the curriculum of freshman college English with emphasis on writing in a variety of modes (rhetoric) and language use (rhetorical devices) based on the careful reading of a variety of literary selections. Students who elect to take the AP English Language and Composition exam at the completion of the course may earn college credit. Summer reading is required.

AP English Literature and Composition (AP Eng IV)

Credit Amount: 1.0 **Grades: 12**
Credit Type: English **Prerequisites: English III**

This course is a year–long course, for which students will receive honors credit, in which students will practice all of the language arts skills included in English IV. Students' knowledge of rhetorical elements, acquired in AP English Language and Composition, will be useful, but not essential for style analysis, a component of the senior Advanced Placement course. Students will write literary analyses of tone, style, and overall meanings in drama, fiction, and poetry. Students who elect to take the AP English Literature and Composition exam at the completion of the course may earn college credit. Summer reading may be required.

English IV

Credit Amount: 1.0 **Grades: 12**
Credit Type: English **Prerequisites: English III**

This course is a year-long course which builds upon the language arts skills emphasized in English I, II, and III. Students will evaluate, interpret, and respond to a variety of British and world literature, including fiction, non-fiction, poetry, drama, and media. Students will write for a variety of purposes and audiences, using the writing process to develop effective, coherent work (including multi-paragraph and documented essays, one of which must be a research essay) wherein the student demonstrates command of the conventions of Standard English. Students will also write reflective essays suitable for college admissions or occupations of interest. Finally, students will continue developing their speaking, listening, and visual literacy skills.

Mathematics

REGULAR HIGH SCHOOL PROGRAM

7TH
MATH

8TH
PRE-ALGEBRA

9TH
ALGEBRA I

10TH
GEOMETRY

11TH
ALGEBRA II

12TH
MATH READY
STATISTICS
PRECALCULUS/TRIG

HONORS

4 credits of HS Math must be taken in 8-12 grade

7TH
PRE-ALGEBRA

8TH
HONORS ALGEBRA I

9TH
HONORS GEOMETRY

10TH
HONORS ALGEBRA II

11TH
HONORS PRECALC/TRIG
AP STATISTICS
STATISTICS

12TH
AP CALCULUS
AP STATISTICS

ACCELERATED HONORS

4 credits of HS Math must be taken in 8-12 grade

7TH
HONORS ALGEBRA I

8TH
HONORS GEOMETRY

9TH
HONORS ALGEBRA II

10TH
HONORS PRECALC
AP STATISTICS

11TH
AP CALCULUS
AP STATISTICS

12TH
CONCURRENT COLLEGE ENROLLMENT
ADVANCED STUDIES IN MATH

***Students can move from the Honors Sequence to a Regular Sequence if needed. Students cannot take a lower level course if they have passed a higher level course.**

Algebra I

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Mathematics **Prerequisites: None**

This course deepens and extends understanding of linear and exponential relationships introduced in pre-algebra. Students will further develop mathematical reasoning by using symbolic and visual representations including graphs, tables, verbal or written statements and algebraic equations to solve and communicate solutions as they develop procedural fluency. An Algebra I credit is required for high school graduation and college entrance.

Geometry

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Mathematics **Prerequisites: Algebra 1**

This course is a course in which students will explore complex geometric situations and deepen their explanations of geometric relationships through logical reasoning, problem-based activities, and the use of trigonometric ratios. Real world applications and problem-solving strategies will be integrated throughout the course. A geometry credit is required for high school graduation.

Algebra II

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Mathematics **Prerequisites: Geometry**

This course will continue the algebraic processes and build on the students' prior experiences of functions from Algebra I. Students will achieve procedural fluency resulting from conceptual understanding of complex numbers, solve real-world problems mathematically, performing operations with functions, inverse functions, and interpreting characteristics of functions and their graphs. Algebra II is required for college entrance.

Honors Geometry

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Mathematics **Prerequisites: Algebra I**

This course will be taught at an increased rigor and a faster pace than a general Geometry course. Students will explore more complex geometric situations and deepen their explanations of geometric relationships through logical reasoning, problem-based activities, and the use of trigonometric ratios. Real world applications and problem-solving strategies will be integrated throughout the course. A geometry credit is required for high school graduation.

Honors Algebra II

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Mathematics **Prerequisites: Geometry**

This course is a more rigorous Algebra II course, taught with more depth and attention to problem-solving processes and will more frequently require students to communicate their procedures and results mathematically. Additional content and rigor demand a faster pace for instruction and learning. Algebra II is required for college entrance.

Intermediate Algebra

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Mathematics **Prerequisites: Geometry and Approval**

This course offers the opportunity for students to reinforce and enhance their algebra skills to further prepare them for an Algebra II course. This course meets graduation requirements, but it DOES NOT meet Oklahoma's Promise or college entrance requirements. Students enrolling in this course must have written approval of the parent or legal guardian and teacher recommendation/approval is required for enrollment.

PreCalculus/Trigonometry

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Mathematics **Prerequisites: Algebra II**

This course is strongly recommended for any student planning to attend college. Specific topics in this course include all of the trigonometric topics, including polar coordinates and vectors. Advanced algebra topics of exponential functions, logarithms, and sequences and series are also taught.

Honors PreCalculus/Trig

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Mathematics **Prerequisites: Algebra II**

This course is a rigorous and in-depth pre-calculus course designed to develop necessary foundation for success in AP Calculus. As such, this course demands a fast pace and students will be expected to work independently and prepare effectively. Skills and problem solving involving realistic applications are emphasized and students will explore, relate, and apply trigonometry concepts to real-world applications.

Statistics

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Mathematics **Prerequisites: Algebra II**

This course is an additional option for students who have completed Algebra II. This course is designed to develop statistical literacy, preparing students to make informed decisions in life and work and/or preparing students for additional college and career courses utilizing data-analysis.

AP Statistics

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Mathematics **Prerequisites: Algebra II**

This course is equivalent to a one-semester, introductory, non-calculus-based, college course in statistics. This course is taught with increased rigor and demands a fast pace to meet the AP curriculum requirements. Students will be expected to work independently and will be expected to spend time on coursework outside of regular school hours. The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. This course may be taken concurrently with Pre-Calculus/Trig or AP Calculus. Students who successfully take the AP exam may earn college credit for Business Statistics and/or other placement from institutions of higher learning.

AP Calculus AB

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Mathematics **Prerequisites: Pre-Calc**

This course is a full year course intended for college-bound students who have a thorough knowledge of college preparatory mathematics, including algebra, geometry, trigonometry, and analytic geometry (rectangular and polar coordinates, equations and graphs, lines and conics). Calculus AB is a course in introductory calculus with elementary functions and is comparable to the first calculus course in colleges and universities. This course is taught with increased rigor and demands a fast pace in order to meet the AP curriculum requirements. Students are expected to work independently and will be expected to spend time on coursework outside of regular school hours. Students who successfully take the AP exam may earn college credit for Calculus I and/or placement from colleges and universities.

AP Calculus BC

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Mathematics **Prerequisites: Pre-Calc**

This course is a full-year course in the calculus of a single variable. It includes all topics covered in Calculus AB plus additional topics outlined by College Board. It is comparable to the first two calculus courses in colleges and universities. This course is taught with increased rigor and demands a fast pace to meet the AP curriculum requirements. Students will be expected to work independently and will be expected to spend time on coursework outside the regular school hours. Students who successfully take the AP exam may earn college credit for the first two calculus course and/or placement from colleges and universities.

Advanced Studies in Math

Credit Amount: 1.0 **Grades: 12**
Credit Type: Mathematics **Prerequisites: Calculus**

This course is a full year, highly rigorous math course that covers collegiate level mathematics. Within this course students will study advanced concepts in mathematics and refine understanding of Calculus concepts.

Math Ready

Credit Amount: 1.0 **Grades: 12**
Credit Type: Elective **Prerequisites: Algebra II**

This course emphasizes understanding of mathematics concepts and is designed to develop critical thinking skills that students will use in college and careers. This course counts as an elective credit, NOT a math credit. It is designed to help students raise his/her ACT score and prepare for entry-level college math courses. Seniors who are graduating on College and Career Readiness pathway who scored between a 13-18 on the Math portion of the ACT should consider taking this course.

Labratory Sciences

Physical Science

Credit Amount: 1.0 **Grades: 9**
Credit Type: Science **Prerequisites: None**

This course includes introductory principles of physics and chemistry as a foundation for further high school science courses. Students in this course will build on their understanding of science concepts through engagement in scientific practices as they study interactions of matter, forces, energy, and waves. Students who have taken chemistry or physics should not enroll in this course. This course fulfills the state graduation requirement for physical science.

Honors Biology

Credit Amount: 1.0 **Grades: 9-10**
Credit Type: Science **Prerequisites: Algebra I**

This course is an h onors level introductory Biology course. This course is taught with greater rigor and at a faster pace than the general Biology course. Students will engage in data collection, interpretation and analysis of data, and communication of ideas frequently, in addition to laboratory investigations, research, readings, and projects. This course is aligned with state standards and Biology is recommended by the ACT and Oklahoma Regents for Higher Education as a preparatory science course for college and the ACT Assessment. AIDS prevention education will be taught in this course as mandated by state law. This course fulfills the state graduation requirement for life science.

Biology

Credit Amount: 1.0 **Grades: 9-10**
Credit Type: Science **Prerequisites: None**

This course is an introductory course on the fundamental concepts of Biology. Students will learn concepts through laboratory investigations, research, readings, and projects. This course is aligned with state standards and Biology is recommended by the ACT and Oklahoma Regents for Higher Education as a preparatory science course for college and the ACT Assessment. AIDS prevention education will be taught in this course as mandated by state law. This course fulfills the state graduation requirement for life science.

Chemistry

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Science **Prerequisites: Algebra I**

This course deals with the fundamental concepts in the study of matter. It is recommended for students planning a career in a science or medical field. Laboratory experiments are used to help introduce and clarify topics covered. This course is aligned with State standards and Chemistry is recommended by the ACT and Oklahoma Regents for Higher Education as a preparatory science course for college and the ACT Assessment. This course fulfills the state graduation requirement for physical science.

Earth & Space Science

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Science **Prerequisites: Geometry**

This course is a course where students will explore the dynamic processes that shape the planet as well as investigate Earth's place in the galaxy and universe. Students will investigate and explore concepts of biology, physics, and chemistry to better understand our planet. This course is aligned with State standards and Chemistry is recommended for students needing to further develop science concepts in preparation for State and ACT Assessment.

Honors Chemistry

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Science **Prerequisites: Algebra I**

This course is an honors level introductory course and is taught with greater rigor and at a faster pace than the general Chemistry course. In this course, concepts are studied to a greater depth, laboratory procedures are more intricate, and more mathematical analysis is required. Chemistry is recommended by the ACT and Oklahoma Regents for Higher Education as a preparatory science course for college and the ACT Assessment. This science course may assess a lab fee. This course fulfills the state graduation requirement for physical science.

Physics I

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Science **Prerequisites: Algebra II**

This course is a science which utilizes mathematics and investigative science laboratory activities to describe the relationships between matter and energy. The topics covered include mechanics, heat, wave motion, optics, electricity, and nuclear physics. Students planning to pursue education beyond high school are encouraged to enroll in physics. Physics is recommended by the ACT and Oklahoma Regents for Higher Education as a preparatory science course for college and the ACT Assessment. This course fulfills the state graduation requirement for physical science.

AP Physics I

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Science **Prerequisites: Algebra II**

This course is equivalent to an introductory college-level Physics for non-engineering majors and is aligned with AP guidelines to develop higher-level understanding of science concepts. This course is algebra-based, and students will explore mathematical relationships to enhance conceptual understanding. Laboratory investigations are required and are designed to further develop investigative and analytical skills. Students are expected to spend time on coursework outside the regular school day. Students who elect to take the AP Exam upon completion of the course and receive a passing grade on the AP College Board Exam may receive college credit. This science course may assess a lab fee. This course fulfills the state graduation requirement for physical science.

AP Physics C

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Science **Prerequisites: Calculus**

This course is a calculus-based study of the relationships between matter and energy. This course is for the student who is interested in pursuing careers in astronomy, meteorology, engineering, or related physical sciences. The field of mechanics is the major focus of this course and additional class time or lab time outside of regular school hours may be required. Students who elect to take the AP College Board Exam upon completion of the course and receive a passing grade on the AP College Board Exam may receive college credit. This science course may assess a lab fee.

AP Biology

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Science **Prerequisites: Bio. and Chem.**

This course is a college-level Introduction to Biology/Zoology course and is aligned with AP guidelines to develop higher-level understanding of science concepts. Students will engage in rigorous laboratory experience to further develop essential science skills necessary for success in college level courses. Students are expected to spend time on coursework outside the regular school day schedule. Students who elect to take the AP Exam upon completion of the course and receive a passing grade on the AP College Board Exam may receive college credit. This science course may assess a lab fee.

AP Chemistry

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Science **Prerequisites: Chemistry and Algebra II**

This course is equivalent to a college-level freshman Chemistry course and is aligned with AP guidelines to develop higher-level understanding of science concepts. Students are expected to spend time on coursework outside the regular school day. The required AP lab investigations allow students to experience variety of techniques and equipment, the rigor and level of these labs may require time outside of the regular school day. Students who elect to take the AP College Board Exam upon completion of the course and receive a passing grade on the AP Exam may receive college credit. This science course may assess a lab fee.

Anatomy & Physiology

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Science **Prerequisites: Biology**

This course is a rigorous, college-prep course aimed toward preparing students interested in pursuing a degree in biological sciences and/or interested in medicine or allied health areas. Students will study the internal and external structures and functions of the human body; each body system will be covered in depth and detail of both structure and function. Dissections are a required part of the course. This science course may assess a lab fee.

AP Environmental Science

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Science **Prerequisites: Bio., Chem., and Algebra II**

This course is designed to be the equivalent of an introductory-level college course aligned with AP guidelines to develop higher-level understanding of science concepts. A wide scope view of current environmental problems are examined and concepts of Earth and biological sciences are investigated. Students are expected to spend time on coursework outside the regular school day. Students who elect to take the AP Exam upon completion of the course and receive a passing grade on the AP College Board Exam may receive college credit. This science course may assess a lab fee.

Zoology

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Science **Prerequisites: Biology**

This course is a college-prep course aimed toward preparing students interested in pursuing a degree in biological sciences and/or interested in medicine or allied health. Students will study invertebrate and vertebrate organisms with a focus on taxonomy and classification, natural development processes, and comparative structure and function. Laboratory and/or virtual dissections are required. This science course may assess a lab fee.

Astronomy I

Credit Amount: 0.5 **Grades: 11-12**
Credit Type: Science **Prerequisites: Geometry**

This course is a one semester course designed for the student who enjoys observing and exploring the world and universe. Concepts covered include the Sun and all the objects and processes within the solar system, the history of Space Exploration, and the project and engineering principles regarding manned space exploration. This science course may assess a lab fee.

Astronomy II

Credit Amount: 0.5 **Grades: 11-12**
Credit Type: Science **Prerequisites: Geometry**

This course is a one semester course designed for the student who enjoys observing and exploring the world and universe. Concepts covered include the Sun and all the objects and processes within the solar system, the history of Space Exploration, and the project and engineering principles regarding manned space exploration. This science course may assess a lab fee.

Meteorology

Credit Amount: 0.5 **Grades: 11-12**
Credit Type: Science **Prerequisites: Geometry**

This course is a one semester course designed for the student who enjoys investigating natural atmospheric phenomena such as thunderstorms, tornadoes, hurricanes, atmospheric energy, seasons, light, color and optics, humidity, condensation, air pressure, clouds, wind, air masses, and fronts. Weather forecasting will be an integral part of this course. This science course may assess a lab fee.

Social Studies

Oklahoma History & Government

Credit Amount: 0.5 **Grades: 9**
Credit Type: Social Studies **Prerequisites: None**

This course is a course in which students will examine the people and events that have formed and transformed the landscape and cultures of Oklahoma. They will examine important political and ideological movements, economic, cultural, and political accomplishments of state, and national, & world significance.

World History

Credit Amount: 1.0 **Grades: 10**
Credit Type: Social Studies **Prerequisites: None**

This course is a course in which students will examine the enduring philosophical and religious contributions for the ancient and classical eras to the modern world. They will examine the impact of the European Renaissance and Reformation, various revolutionary movements, the Industrial Revolution, the universal impact of the World Wars, the transformation of societies in the Post-World War Two Era, and recent contemporary events and issues. Importance will be placed upon the need for accurate geographic knowledge which will include an emphasis on the role of geography in shaping historical events.

United States History Since 1878

Credit Amount: 1.0 **Grades: 11**
Credit Type: Social Studies **Prerequisites: None**

This course is a course in which students will describe and analyze effects of the Reconstruction Era amendments to the United States Constitution, examine the impact of immigration and the settlement of the American West on American society, evaluate the economic effects of the industrialization and the changing role of the United States in world affairs at the turn of the twentieth century, describe the social, cultural, and economic events between the World Wars, investigate and analyze the Great Depression, and the events, causes, and effects of World War II, and assess the foreign and domestic policies of the United States since World War II. They will also examine the 1995 attack on Oklahoma City and the 9/11 attack on New York City and Washington, DC. Importance will be placed upon the need for accurate geographic knowledge and an emphasis on the role of geography in shaping historical events. This course will also prepare students for Oklahoma's required state-wide end of course assessment for U.S. History & Civics.

Honors Oklahoma History & Government

Credit Amount: 0.5 **Grades: 9**
Credit Type: Social Studies **Prerequisites: None**

This course is an in-depth study of our State's history. This course will examine the people and events that formed and transformed the landscape and cultures of Oklahoma. Students will examine important political and ideological movements, economic, cultural, and political accomplishments of state, national, and world significance. The course is designed to help prepare students for future AP social studies coursework. Students will read extensively, demonstrate critical thinking and writing skills, and do research.

AP World History

Credit Amount: 1.0 **Grades: 10**
Credit Type: Social Studies **Prerequisites: None**

This course is comparable to courses in college and universities. Students will demonstrate knowledge of the basic chronology of major events and trends from prehistoric early humans to the recent past. They will develop an understanding of selected themes in world history, the ability to analyze historical evidence, and the ability to express understanding and analysis in writing. Topics of study include: dynamics of change and continuity across world history periods; patterns and effects of interaction among people; the effects of technology; systems of social and gender structures in societies; cultural, intellectual and religious developments; and changes in functions and structures of states. Students who take AP World History can seek college credit and/or advanced placement.

AP U.S. History

Credit Amount: 1.0 **Grades: 11**
Credit Type: Social Studies **Prerequisites: None**

This course is comparable to courses in colleges and universities. This two-semester course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. This course places special emphasis on the great public issues that have dominated American history beginning with the clash of cultures that shaped colonial settlement and continuing chronologically through the Revolution and the making of the Constitution to the present. They will analyze historical evidence and develop the ability to express that understanding and analysis in writing. This course will also prepare students for Oklahoma's required state-wide end of course assessment for U.S. History & Civics. Students who take AP United States history can seek college credit and/or advanced placement.

American Studies

Credit Amount: 1.0 **Grades: 12**
Credit Type: Social Studies **Prerequisites: None**

In this course students will examine the philosophical foundations of the American republican system, the formation of governmental institutions and practices, and their transformations since the founding era as a basis of preparing students to become informed, responsible, engaged, and literate citizens who are committed to the ideas and values of democracy and use them in their daily lives, as well as make informed decisions about how their government should protect individual liberties and address the common good.

AP U. S. Government

Credit Amount: 1.0 **Grades: 12**
Credit Type: Social Studies **Prerequisites: None**

This course is comparable to courses in colleges and universities. This two-semester course will give college-bound students an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U. S. politics and analysis of specific case studies. Topics of study include the constitutional foundation of the three branches of the United States Government, political beliefs and behaviors, political parties and interest groups, and civil rights and civil liberties. Students will analyze historical evidence critically to evaluate general propositions about government and politics, as well as to present basic data relevant to government and politics in sustained written arguments. Students who take AP Government can seek college credit and/or advanced placement from institutions of higher learning.

Advanced Academics Pathway

Ethnic Studies

Credit Amount: 0.5 **Grades: 9-12**
Credit Type: Social Studies **Prerequisites: None**

This course centers on the idea that issues related to race and racial identity have been and continue to be significantly powerful forces within the United States, profoundly shaping society, culture, politics, and economics. This course focuses on the historic and contemporary experiences of African Americans, American Indians, Asian Americans, Latinx Americans, and other racialized peoples in the U.S. from the colonial era to the present. Ethnic Studies seeks to educate students to be politically, socially, and economically conscious regarding their personal connections to local and national history. This course will explore themes of identity (personal, group, and national), equality and justice, civic engagement and responsibility, and change over time.

American Justice System

Credit Amount: 0.5 **Grades: 10-12**
Credit Type: Social Studies **Prerequisites: None**

This course provides students with a foundational understanding of the American justice system. Students will explore the complex world of laws, legal systems, rights, and responsibilities – including the unique personal relationship between the law and students themselves. Through explorations of legal concepts, case studies, state and federal court decisions, and careers associated with the practice of the law, students will gain the important skills necessary to navigate the American justice system

AP European History

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Social Studies **Prerequisites: None**

This course focuses on developing students' abilities to think conceptually about European history from approximately 1450 to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance—Interaction of Europe and the World, Poverty and Prosperity, Objective Knowledge and Subjective Visions, States and Other Institutions of Power, and Individual and Society—provide areas of historical inquiry for investigation throughout the course. Students who take AP European History can seek college credit and/or advanced placement from institutions of higher learning.

Creative Writing I

Credit Amount: 1.0 **Grades: 10-11**
Credit Type: Elective* **Prerequisites: None**

This course is an elective course for students who want to develop their creative writing skills through the reading and writing of poetry, drama, nonfiction, and fiction. Students will learn the steps in the writing process with special emphasis on revision and publication. In addition to writing, students will gain experience in analyzing their own works as well as those of professionals.

AP Psychology

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Social Studies **Prerequisites: None**

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Students who take AP Psychology can seek college credit and/or advanced placement from institutions of higher learning.

AP Human Geography

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Social Studies **Prerequisites: None**

This course gives students the opportunity to earn college credit in geography. The content of an AP Human Geography course helps students develop critical thinking skills through the understanding, application and analysis of the fundamental concepts of geography. They are introduced to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. They will employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They will meet the five college-level goals as determined by the National Geographic Standards. They also learn the methods and tools geographers use in their science and practice. Students who take AP Human Geography can seek college credit and/or advanced placement from institutions of higher learning.

International Studies

Credit Amount: 0.5 **Grades: 9-12**
Credit Type: Social Studies **Prerequisites: None**

This course is a semester long college preparation course designed to explore contemporary socio-political issues which are international in scope. Students will identify and examine global affairs and trace their historical roots through research and analysis. The course will center on research skills and historical methods that will assist students at the collegiate level. Students will be required to develop and implement a models-based research project that sheds light on a particular region or issue.

Creative Writing II

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Elective * **Prerequisites: Creative Writing I**

This course will provide reinforcement for students' creative writing skills through the reading and writing of poetry, nonfiction, and fiction. Students will write expository and personal articles suitable for publication. In addition, students will study the genre of drama and will learn to write plays.

Any Mathematics, Labratory Science, or Social Studies course above the required number of units is eligible for an Advanced Academic Pathway unit.

Advanced Academics Pathway

Sociology

Credit Amount: 0.5 **Grades: 10-12**
Credit Type: Social Studies **Prerequisites: None**

This course is the study of human social behavior from a group perspective including recurring patterns of attitudes, actions and reactions, and ho these patterns vary in social groups, among cultures, and across time. Students will examine diverse societies, group behavior and social structures, as well as the impact of cultural change on society and using scientific method of sociological thought. As in other social science disciplines, sociology guides students to continue to develop skills in thinking, inquiry and research, and participation in a culturally diverse, democratic society in an interdependent world.

Any Mathematics, Labratory Science, or Social Studies course above the required number of units is eligible for an Advanced Academic Pathway unit.

Agriculture CTE Pathway

Intro to Agriscience

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: *Elective **Prerequisites: None**

This course lays the foundation for introduction into one of the seven career pathways. Content includes animal science, plant and soil science, agribusiness and economic principles, and agricultural mechanics. This course is a prerequisite to all upper-level agricultural education courses. This is a year-long course. Supervised Agricultural Experience and FFA required.

Agriscience II

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: Intro to Agriscience or Teacher Approval**

This course focuses on the science of food, fiber, and natural resources, providing opportunities for applied laboratory experiences in a variety of areas. This course includes instructions in at least three of the following areas: animal science, food science & technology, plant science, soil science, and environmental science. This is a year-long course. Supervised Agricultural Experience and FFA required.

Ag Power I (Mechanics)

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: Intro to Agriscience or teacher approval**

This course is an introductory course for students with an interest in agricultural mechanics and power equipment. Content includes importance of agricultural mechanics, personal and employability safety, identifying, using, and maintaining common hand tools, metal fabrication, and preparing and using simple project plans. This is a year-long course. Supervised Agricultural Experience and FFA required.

Ag Power II (Technology)

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Elective **Prerequisites: Ag Power I**

This course is designed for students who want to build on the skills and fundamentals in agricultural mechanics. Content includes maintenance of agricultural tractors, kinds and uses of agricultural equipment, internal combustion engine principles, and some metal fabrication. This is a yearlong course. Supervised Agricultural Experience and FFA required.

Ag Power III (Structures)

Credit Amount: 1.0 **Grades: 12**
Credit Type: *Elective **Prerequisites: Ag Power II**

This course is designed to develop skills and competencies in planning, constructing, and maintaining agricultural structures. Content includes sketching, drawing, plan reading, laying out structures, masonry, and some metal fabrication. This is a year-long course. Supervised Agricultural Experience and FFA required.

Introduction to Ag Communications

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: Intro to Agriscience or teacher approval**

This course introduces students to the broad field of ag communications. Content includes the role and history of electronic media, legal aspects of communication, news and feature writing in agriculture, news photography, ethics, and Web layout and design. Preparation for Local, Regional, State, and National Competitions will be included in this course. This is a year-long course. Supervised Agricultural Experience and FFA required. *Fine Arts Credit upon successful course completion and completion of the Career Tech Education Test.

Agricultural Leadership & Personal Development

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Elective **Prerequisites: Introduction to Ag Communications**

This course is a continuation and expansion of concepts learned in Introduction to Agricultural Communications. This course is designed for students with an interest in personal skills development and leadership in agriculture. Content includes leadership, theory, and attributes, conflict resolution, planning and carrying out meetings, using parliamentary procedure, preparing and making speeches, and ethics. . Preparation for Local, Regional, State, and National Competitions will be included in this course. This is a year-long course. Supervised Agricultural Experience and FFA required.

The following courses are included in all pathways.

Intro to Animal Science

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: Intro to Agriscience or Teacher Approval**

This course is designed for students interested in learning the fundamentals of science-based animal agriculture. Content includes importance of agricultural animals, taxonomy, anatomy, physiology, reproduction, nutrition, disease management, facilities, evaluation, fitting, and marketing, ethics, and safety. This is a year-long course. Supervised Agricultural Experience and FFA required.

Livestock Production

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Elective **Prerequisites: Intro To Animal Science**

This course is designed to offer students advanced knowledge in livestock agriculture. Content includes livestock species, biology of species, genetics and breeding, nutrition and feeding, health, and disease management. This is a year-long course. Supervised Agricultural Experience and FFA required.

Advanced Animal Science

Credit Amount: 1.0 **Grades: 12**
Credit Type: Elective **Prerequisites: Livestock Production**

This course is for students with interests in higher-level, science-based animal agriculture. Content includes taxonomy, anatomy, physiology, body systems, heredity and genetics, hormonal and immune systems, nutrition, health, and well-being. This course addresses biological science standards. This is a year-long course. Supervised Agricultural Experience and FFA required.

Introduction to Horticulture

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: Intro to Agriscience or Teacher Approval**

This course is an introductory course has a horticultural emphasis. Content includes species and importance of horticultural plants, ornamental horticulture (including floristry, landscaping, turf, and greenhouse production), disease and pest management, plant nutrition, and growth regulation. This is a year-long course. Supervised Agricultural Experience and FFA required.

Landscape & Nursery Production

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Elective **Prerequisites: Introduction to Horticulture**

This course includes principles of design, xeriscaping, nursery production in fields and containers, plant selection, landscape plant nutrition, pruning, fertilization, irrigation, and disease and pest management. Also includes nursery business management. This is a year-long course. Supervised Agricultural Experience and FFA required.

Greenhouse Production & Floral Design

Credit Amount: 1.0 **Grades: 12**
Credit Type: Elective **Prerequisites: Landscape & Nursery Production**

This course includes greenhouse production, plant anatomy, plant propagation, growing structures, climate control, media and plant nutrition, disease and pest management, and cultural practices with bedding plants. Content also includes care and handling of fresh flowers, floral tools and supplies, containers, corsages, boutonnieres, centerpieces, and holiday arrangements. This is a year-long course. Supervised Agricultural Experience and FFA required.

The following courses are included in all pathways.

Computer Science and Aviation Pathway

Tech Now I

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: Please See Description**

This course is specifically designed for students with disabilities. Students will complete computer application coursework that address the International Technology Standards for Education. Students will work toward mastering computer application concepts through the completion of projects involving manufacturing skills, employment modeling, product development, profit analysis, team skills building, computer animation, and experimentation. Students will complete projects, using programming and digital design, throughout the school year to enter the state competition.

Tech Now II

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: Tech Now I**

In this course students will expand knowledge of programming and design from the previous year in order to produce higher level products and projects. Students will continue to focus on the International Technology Standards for Education. In addition, students will be exposed to WOIA Transition Areas of job exploration, work-based learning, job readiness skills training, and self-advocacy instruction.

Honors Computer Science Essentials

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course will enable students to develop computational thinking skills that prepares them to advance to Computer Science Principles & Computer Science A.

AP Computer Science Principles

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective
Prerequisites: Computer Science Essentials or 11th or 12th grade with teacher approval

This course offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions.

AP Computer Science A

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: Computer Science Principals**

This course is both a college-prep course for potential computer science majors and a foundation course for students planning to study in other technical fields such as engineering, physics, chemistry, and geology. The course emphasizes programming methodology, procedural abstraction, and in-depth study of algorithms, data structures, and data abstractions, as well as a detailed examination of a large case study program. Instruction includes preparation for the AP Computer Science A Exam.

Intro to Tech Crew (Computer Repair I)

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: Fundamentals of Technology**

In this course students will learn computer software, troubleshooting and through a combination of hands-on and project-based learning, textbook assignments, and internet research students will prepare for and take a Dell Certification in this course.

*Students cannot take this course if they are accepted in to the MNTC Cyber Defense or Cloud and Virtual Network Administration Programs.

Tech Crew (Computer Repair II)

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Elective **Prerequisites: Intro to Tech Crew**

In this course students will work in the classroom and with MPS IT Technicians to troubleshoot and repair computers and software. Students will begin to prepare for CompTIA certification. This course will prepare students for Internship Opportunities and Careers in Information Technology.

*Students cannot take this course if they are accepted in to the MNTC Cyber Defense or Cloud and Virtual Network Administration Programs.

Computer Science Essentials

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course will enable students to develop computational thinking skills that prepares them to advance to Computer Science Principles & Computer Science A.

Computer Science Principles

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective
Prerequisites: Computer Science Essentials or 11th or 12th grade with teacher approval

This course offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions.

Robotics

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

Students will learn to design, build, program, and control robotic devices. A rigorous study and application of electrical concepts will include sources of energy, electrical safety, use and identification of basic electronic components, sensors and actuators. Engineering concepts will include mechanical design, prototype development, design testing, programming and proper engineer documentation.

Aircraft I

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: *Elective(Not Computer Credit) **Prerequisites: None**

In this course students will use computer technology to learn safety, ground operations and servicing, hand tools and measuring devises, weight and balance, mathematics, and physics for aviation. This course aligns to FAA–ACS–AM–IF–GOS – Safety, Ground Operations and Servicing, FAA–ACS–AM–IK–HTM – Hand Tools and Measuring Devises, FAA–ACS–AM–IC–WAB – Weight and Balance, FAA–ACS–AM–IH–MAT – Mathematics, FAA–ACS–AM–IJ–PFA –Physics for Aviation. 8th grade math and science principle and concept understanding is needed for student success in this course. This course introduces students to the A&P Mechanic Certification Process.

Aircraft II

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: Aircraft I**

In this course students will use computer technology to learn maintenance and inspection regulations, aircraft drawing and fluid lines and fittings. The curriculum integrates universal design for learning principles, multimodal content offering, and state–of–the art educational tools to make learning more accessible, efficient, and enjoyable.

Aircraft III

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Elective **Prerequisites: Aircraft II**

In this course students will use computer technology to learn the basics of electricity and electronics. The course aligns to FAA–ACS–AM–IA–FEE Fundamentals of AC Electricity and Electronics and FAA–ACS–AM–IA–FEE Fundamentals of DC Electricity and Electronics. Student will use a learning management system that includes video lectures, interactive assessments, virtual reality simulations and more. The curriculum integrates universal design for learning principles, multimodal content offering, and state–of–the–art educational tools to make learning more accessible, efficient, and enjoyable.

Aircraft IV

Credit Amount: 1.0 **Grades: 12**
Credit Type: Elective (Not Computer Credit) **Prerequisites: Aircraft III**

In this course students will use computer technology to learn cleaning and corrosion control, as well as materials, hardware, and processes. The course aligns to FAA–ACS–AM–IE–MHP – Materials, Hardware, and Processes and FAA–ACS–AM–IG–CCC – Cleaning and Corrosion Control.

The following courses are included in all pathways.

Aviation I
(Not Computer Credit)

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective (Not Computer Credit) **Prerequisites: None**

In this course students will look at the problem–solving practices and innovative leaps that transformed space exploration from the unimaginable to the common in a single generation. Students will also gain historical and modern perspectives, starting from the earliest flying machines and leading to the wide variety of modern aircraft and the integral role they play in making today's world work. Students will also begin to drill down into the various sectors of aviation and the elements that make up the aviation and aerospace ecosystem. Students will be exposed to a variety of career options in aviation and aerospace and take an in–depth look at the opportunities available including remote aircraft pilot (drones) and private aircraft pilot.

Aviation II

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: Aviation I**

In this course students will begin with an exploration of the types of aircraft in use today before going on to learn how aircraft are made and how they fly. They will then touch on aircraft design, looking at stability, aircraft controls, and maneuvering flight. The course will conclude with a focus on career skills related to these topics. Students will take an in–depth look at the systems that make manned and unmanned aircraft work as well as the instrumentation powered by those systems.

Students will be exposed to a variety of career options in aviation and aerospace and take an in depth look at the opportunities available.

Aviation III

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Elective **Prerequisites: Aviation II**

In this course students will be prepared to take a Federal Aviation Administration test: The Part 107 Remote Pilot Knowledge Test. Topics include: pre–flight procedures, airspace, radio communications, aviation phraseology, regulations, operations, safety, weather, cockpit management, and emergency procedures. Students will be provided the opportunity to participate in multiple practice examinations in preparation to complete the Federal Aviation Administration's Part 107 Remote Pilot Knowledge Test upon completion of this course.

Aviation IV

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective (Not Computer Credit) **Prerequisites: Aviation III**

In this course students will examine advanced aviation topics and aviation career options. Instrument flight, commercial aviation, and advanced aircraft systems begin the semester. Students will then explore new horizons in the aerospace industry. Students will learn about and conduct different types of research in preparation for their capstone project in the second semester. The capstone is the culmination of the student learning experience.

Family and Consumer Science Pathway

Family & Consumer Sciences

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course provides students with basic information and skills needed to function within the family and an ever changing, complex society. Students develop competencies in the areas of nutrition and wellness, food preparation, housing and interior design, early childhood, fashion and apparel design, interpersonal relationships, and career exploration. The student will gain basic life skills that promote a positive influence upon the quality of their life. Students should anticipate the cost of materials needed for this class.

Fashion & Apparel Design

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

In this course students are introduced to basic apparel design and construction skills through project-based learning. Students will examine the elements and principles of design, how to properly care for clothing, select appropriate fabrics for a selected pattern, learn how to properly use sewing equipment such as an iron, sewing machine, serger, and embroidery machine, and apply basic sewing skills to construct various projects throughout the course. Students should anticipate the cost of materials needed for this class.

Culinary Basics

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: None**

This course is a "how-to" course that will provide students with basic preparation skills and knowledge needed to prepare a variety of dishes in a lab setting. Topics taught include safety and sanitation, kitchen terms, measurements, tools/equipment, and reading recipes. Students will demonstrate basic food preparation techniques in practical lab experiences. For 2nd semester, the course is more "in-depth" and will build on the concepts taught during 1st semester. Advanced cooking skills, such as cake decorating, pie making, pasta making, and food preservation, will be taught. Food competitions are also a key factor during 2nd semester. Students will also prepare for and earn their Cleveland County Food Handler's Permit.

Human Growth and Development

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course explores the aspects of human development throughout the lifespan focusing on family planning, conception, and prenatal development to birth. Students will learn about the cognitive, physical, and emotional aspects of family planning, prenatal development, and the birthing process. Students will also learn about human development from infancy to adulthood, parenting challenges, and careers related to human growth and child development.

Housing & Interior Design

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course allows students to learn about the aspects of interior design throughout the history of design, housing needs, the elements and principles of design, furniture arrangement, and the construction process of residential and commercial structures. Students will design and create floor plans and research the history of architecture and furniture styles. Careers in this industry will be explored.

The following courses are included in all pathways.

Fine Arts Pathway

Visual Arts

Art Appreciation

Credit Amount: 0.5 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course is a course that includes discussion of major periods in art history and how those periods have subsequently influenced society and culture. Students study fundamental concepts of visual arts, prominent artists and their works, as well as various art mediums. Students will have several art projects to complete and will have reading and writing assignments regarding course curriculum. Consumable supplies and/or fee may be collected.

Humanities

Credit Amount: 0.5 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course presents an overview of the arts in the Western tradition in the contexts of philosophy, culture, art, architecture, music, dance and literature. Students will evaluate the contexts of culture, following it throughout the history of each civilization.

Digital Art I

Credit Amount: 0.5 (may be repeated for credit) **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course is designed to introduce students to tools and techniques of graphic design. This course combines analog and computer software learning. Students will practice visual vocabulary including elements and principles of art and create projects which demonstrate understanding of these. This course may be taken either first or second semester. Consumable supplies and/or fee may be collected.

Digital Art II

Credit Amount: 0.5 (may be repeated for credit) **Grades: 9-12**
Credit Type: Elective **Prerequisites: Digital Art I**

This course aims to advance students' knowledge and skills in graphic design by blending analog techniques with digital tools. Through a combination of hands-on visual art practices and computer software training, students will develop a strong visual vocabulary and produce digital projects that showcase their understanding and creativity. This course may be taken either in the first or second semester. Consumable supplies and/or fee may be collected.

2D Studio Art I

Credit Amount: 0.5 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course includes discussion in the meaning, major forms, and components of two-dimensional art. Students study elements and principles of design used in creation of two-dimensional works, art appreciation, and art history. Students are exposed to various media and techniques used in drawing, painting, and printmaking. Consumable supplies and/or fee may be collected.

2D Studio Art II

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: 2D Studio Art or Dig. Art I or Portfolio**

This course will expand previously developed skills from Art I in drawing, painting, and printmaking. Principles of design, art appreciation, and art history are emphasized in this course. Consumable supplies and/or fee may be collected.

Honors Studio Art III

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: 2D Studio Art II**

This course is designed for juniors and seniors with a serious interest in the visual arts. This is an advanced course that stresses strong technique, development of a studio work ethic in the production of art, and an emphasis on decision making in developing a personal statement through one's craft. This class will help the art student make a smooth transition into the AP Studio class. Deadlines are stressed, and portfolio progress is required. Students may formally submit their work to the College Board and may receive possible college credit with a qualifying score. Students will provide some supplies for projects which will be taken home, and consumable supplies and/or fee may be collected.

AP 2D Studio Art

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: 2D Studio Art III or 2D Studio Art II and portfolio**

This course is the most advanced 2-D visual arts course available. There is a series of open-ended assignments with a minimal amount of formal instruction. Students are expected to be self-motivated and prepared to research media and techniques. This course requires additional work done outside of regular class time as well as full work participation during class. Each student must assemble a portfolio of at least thirty major assignments to represent his/her work as an artist. Students may formally submit their work to the College Board and may receive possible college credit with a qualifying score. A fee for consumable materials will be collected to submit AP portfolio to College Board at student expense.

The following courses are included in all pathways.

Art III (VISTA Only)

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Elective **Prerequisites: 2D Studio Art II**

In this course students will expand previously developed skills in drawing, painting, and printmaking. Principles of design, art appreciation, and art history are emphasized in this course. A fee for consumable materials will be collected.

Art IV (VISTA Only)

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Elective **Prerequisites: 2D Studio Art III**

In this course students will expand previously developed skills in drawing, painting, and printmaking. Principles of design, art appreciation, and art history are emphasized in this course. A fee for consumable materials will be collected.

3D Studio Art I

Credit Amount: 0.5 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course is designed as a basic three-dimensional course to introduce the student to various 3D mediums: may include, but not limited to clay, metal, fiber, paper, wood, etc. A variety of methods and techniques will be taught, as well as design/creation, art history, and art appreciation. Instruction in the processes, correct use of tool, terms, and techniques will be provided. Consumable supplies and/or fee may be collected. for projects which will be taken home.

3D Studio Art II

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: 3D Studio Art I or Portfolio**

This course is for students who wish to pursue additional experiences in various 3D mediums, such as pottery, clay, jewelry, and various forms of sculpture. A variety of materials, techniques, and methods will be used in projects that will be taken home. Continuation of design/creation, art history, and art appreciation will be included. Consumable supplies and/or fee may be collected for projects which will be taken home.

Honors 3D Studio Art III

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: 3D Studio Art II**

This course is designed for students with a serious interest in the three-dimensional visual arts. This advanced course stresses the development of a studio work ethic in the production of art and an emphasis on decision making in developing a personal statement through one's craft. This class will help the art student make a smooth transition into the AP Studio class his/her senior year. Deadlines are stressed, and portfolio progress is required. Consumable supplies and/or fee may be collected for projects which will be taken home.

AP 3D Studio Art

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: 3D Studio Art III or 3D Studio Art II and Portfolio**

This course is an advanced course for the serious art student. There is a series of open-ended assignments with a minimal amount of formal instruction. Students are expected to be self-motivated and prepared to research media and techniques. This course requires that extra work be done outside of the regular class time as well as full work participation during class. Each student must assemble a portfolio of at least twenty-four major assignments to represent his/her work as an artist. Students are expected to formally submit their portfolios for Advanced Placement Studio credit. A fee for consumable materials will be collected to submit AP portfolio to College Board at student expense.

The following courses are included in all pathways.

Theatre

Drama (Intro to Theatre)

Credit Amount: 0.5 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course introduces students to drama and encourages their appreciation of the theater and the performing arts. The course deals primarily with the basic principles of acting. Areas of emphasis include proper use of the voice and body, characterization, costumes and makeup, stage direction, blocking, and theater history. Class activities include pantomimes, duet acting scenes, plays, improvisation, and an introduction to the technical aspects of production. A fee of 10 dollars will be collected for this course, payable at the beginning of the semester.

Drama II (Theatre Arts)

Credit Amount: 1.0 (may be repeated for credit) **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course introduces students to acting skills and the improvement of such skills. It will also introduce all technical aspects of production, including but not limited to, lighting, sound, and stage management. Areas of emphasis include an exposure to various types of dramatic literature and playwrights as well as production techniques and responsibilities of production staff. Much of the assigned work is in the form of group activity and involves cooperation, commitment, and planning on the part of students involved. This is primarily an activity class. Students will produce a play. Out of class activities are provided, but not required. A fee of 20 dollars will be collected for this course, payable at the beginning of the semester. This class may be repeated for credit.

Drama (Advanced Theatre)

Credit Amount: 1.0 (may be repeated for credit) **Grades: 10-12**
Credit Type: Elective **Prerequisites: Drama II or teacher approval**

This course is for the serious actor and technician. Performer's acting skills will be refined through participation in an assortment of performances. Students with technical interest will be challenged to creatively produce these events. The members of this class will serve as a dramatic troupe performing monologues, duets, skits, scenes, one act plays, one-act play competitions, and full length plays for a variety of audiences. Students will have the opportunity to prepare audition material, resumes, write original scripts, study and perform published scripts. Members of this class may work the main stage shows in a variety of capacities ranging from stage management, set construction, lighting and sound operation and design, backstage running crews and house management. Outside activities are provided for students' participation but are not required. All productions connected with this course will be prepared during class time. A fee will be collected for this course, payable at the beginning of the semester. This class may be repeated for credit.

Drama (Repertory Theatre)

Credit Amount: 1.0 (may be repeated for credit) **Grades: 10-12**
Credit Type: Elective **Prerequisites: Teacher Approval**

In this course students are considered the heart of the high school dramatic troupe. Each student approved for this course will exemplify the characteristics of a serious actor and/or theatrical technician. As a result, they are guaranteed acting and/or technical theater roles in all Drama sponsored productions. An opportunity to produce a variety of live events such as assemblies, one-act plays, one-act competitions, talent shows, dinner plays, children's productions, a musical, and other special events on campus will be provided. This is primarily an activity class with some additional rehearsal and production time required before and after school. A fee will be collected for this course, payable at the beginning of the semester. This class may be repeated for credit.

Technical Theater and Design (Stage Craft)

Credit Amount: 1.0 (may be repeated for credit) **Grades: 9-12**
Credit Type: Elective **Prerequisites: Teacher Approval**

In this course students are students who are interested in furthering their theatre technical experience. The technical experience would include, but not limited to: Set Design, Lighting (including, but not limited to, Lighting Design, light plots, lighting equipment) Set Building, Set Painting, Sound Design, Sound technician, Rigging, Stage Management, Costuming, Prop Management, Publicity, and House Management. Members of this class may work the main stage shows in a variety of capacities ranging from stage management, set construction, lighting and sound operation and design, backstage running crews and house management. Members of this elite group of technicians will also be offered the opportunity to work and manage many of the other performances held on the Performing Art Stages. A fee will be collected for this course, payable at the beginning of the semester.

Theatre Cont.

Technical Theater and Design (Stage Craft)

Credit Amount: 1.0 (may be repeated for credit) **Grades: 9-12**
Credit Type: Elective **Prerequisites: Teacher Approval**

In this course students are students who are interested in furthering their theatre technical experience. The technical experience would include, but not limited to: Set Design, Lighting (including, but not limited to, Lighting Design, light plots, lighting equipment) Set Building, Set Painting, Sound Design, Sound technician, Rigging, Stage Management, Costuming, Prop Management, Publicity, and House Management. Members of this class may work the main stage shows in a variety of capacities ranging from stage management, set construction, lighting and sound operation and design, backstage running crews and house management. Members of this elite group of technicians will also be offered the opportunity to work and manage many of the other performances held on the Performing Art Stages. A fee will be collected for this course, payable at the beginning of the semester.

The following courses are included in all pathways.

Competitive Acting I

Credit Amount: 0.5 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course will introduce competitive acting events that can be performed at the various OSSAA contests throughout the year. The students will learn the skills necessary for performance of monologues, humorous and dramatic duet acting, humorous and dramatic interpretations of literature, oratories, and prose and poetry interpretation. Students in this introductory level course are encouraged, but not required, to participate in OSSAA Speech contests.

Competitive Acting II

Credit Amount: 0.5 **Grades: 9-12**
Credit Type: Elective **Prerequisites: Competitive Acting I or Teacher Approval**

This course focuses your competitive acting in the student's choice of monologues, humorous and dramatic duet acting, humorous and dramatic interpretations of literature. Students are required to perform at least one OSSAA Speech contest as well as for school and community audiences. Through competition, students will have the opportunity to win awards and to become members of the National Speech and Debate Association's Honor Society. Due to the large financial commitment by the district for each student, schedule changes are ADMINISTRATOR GENERATED ONLY. Due to participation in competitive events, student fees will be collected.

Advanced Competitive Acting

Credit Amount: 0.5 (may be repeated for credit) **Grades: 10-12**
Credit Type: Elective **Prerequisites: Competitive Acting II or Teacher Approval**

In this course students will continue the development of competitive acting skills necessary for the performance of monologues, humorous and dramatic duet acting, humorous and dramatic interpretation of literature, and prose and poetry interpretation. These students will serve as mentors for the beginning students joining the speech team. As a leader of the speech team, these students are required to perform at more than one OSSAA contest as well as for school and community audiences. By performing for school and community audiences and at contests, students will improve their confidence and acting skills and will have the opportunity to win awards at contests and become members of the National Speech and Debate Association's Honor Society. This class may be repeated for credit. Due to the large financial commitment by the district for each student, schedule changes are ADMINSTRATOR GENERATED ONLY. Due to participation in competitive events, student fees will be collected.

Speech and Debate

Mock Trial

Credit Amount: 0.5 (may be repeated for credit) **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course provides students an opportunity to perform a trial from beginning to end. Students assume roles of attorneys and witnesses. This course will give students a basic overview of the civil and criminal system and the laws that apply to a case. Students will learn the basics of trial techniques and evidentiary procedure. Focus will be on analysis of and preparation of an Oklahoma High School Mock Trial Program case. Many hours of research and practice are necessary. Students must research their roles, the applicable laws, the evidentiary procedures, and other aspects of the trial process. One class is restricted to those students who have been selected for the competitive Oklahoma Mock Trial team. Tryouts are each spring. Interested students should contact the high school Mock Trial teacher. Student fees will be collected.

Competitive Debate I

Credit Amount: 0.5 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course is an introductory course in which students will develop basic skills for contest debate, original oratory, and extemporaneous speaking. Students will prepare and present debates on a variety of topics and will discuss and prepare speeches over current events. Students are encouraged, but not required, to compete in OSSAA contests. Due to participation in competitive events, student fees will be collected.

Competitive Debate II

Credit Amount: 0.5(may be repeated for credit) **Grades: 10-12**
Credit Type: Elective **Prerequisites: Competitive Debate I**

This course is an activity class that provides competitive experience in problem solving, researching, writing, organizing, and public speaking. Students will develop contest-level skills in Lincoln Douglas debate, Cross-examination policy debate, Public Forum debate, extemporaneous speaking, and original oratory. They are required to participate in at least one OSSAA contest. Through completion, students will have the opportunity to win awards and to become members of the National Speech and Debate Associations' Honor Society. This class may be repeated for credit. Due to the large financial commitment by the district for each student, schedule changes are ADMINSTRATOR GENERATED ONLY. Due to participation in competitive events, student fees will be collected.

Advanced Competitive Debate

Credit Amount: 1.0 (may be repeated for credit) **Grades: 10-12**
Credit Type: Elective **Prerequisites: Competitive Debate II or Teacher Approval**

This course is an activity course in which students will develop contest-level skills in Lincoln-Douglas debate, Cross-examination policy debate, Public Forum debate, extemporaneous speaking, and original oratory. As leaders of the debate team, students are required to participate in more than one OSSAA contest. Through competition students will have the opportunity to win awards and to become members of the National Speech and Debate Association's Honor Society. This class may be repeated for credit. Due to the large financial commitment by the district for each student, schedule changes are ADMINSTRATOR GENERATED ONLY. Due to participation in competitive events, student fees will be collected.

The following courses are included in all pathways.

MUSIC

Music Appreciation

Credit Amount: 0.5 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course is for any student who have a love for all forms of music but does not want to participate in a performance-based course. This course introduces students to the history, theory, instruments, and various genres of music. Emphasis is placed on the development of listening and analyzing music. Students examine the impact of music on history and society. They will explore the earliest examples of music to modern day chart toppers. Listening and viewing materials are drawn from a variety of sources, including but not limited to: classical music, folk, non-Western music, and American popular music (particularly jazz, country, rock, and hip hop). The course is designed to be an enjoyable introduction to the world of music with no formal musical background required.

Music Appreciation II

Credit Amount: 0.5 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course is designed to help students develop informed listening skills covering various genres of music. Students will be exposed to a variety of musical elements, style periods, and historical contexts. Class material will cover works extending from the great European classical composers to the outstanding Broadway classics in America.

AP Music Theory

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: Band or choir or advanced piano**

This course is a college level course for any student who has a basic background in music. The student will further develop his/her skills through musical analysis, elementary composition, dictation, sight singing, keyboard harmonization, written analysis, and other areas of music theory. The student will be expected to take the AP Music Theory test at the end of the year. There is a workbook fee for this class, payable at the beginning of the school year.

Applied Music (WHS Only)

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Fine Arts **Prerequisites: None**

This course is designed to develop the growing instrumental musician, specifically those students who desire to pursue higher education in music. Emphasis will be placed on exposure to the many opportunities beyond high school. Students will experience introductory music theory, varying types of content creation, learning secondary instruments, and opportunities to plan and deliver instruction in both individual and group settings. Students enrolling in Applied Music will be continually accountable for growth on their primary instrument and are required to audition for the OSCDA and All-OkMEA honor bands during the Fall Semester. Students enrolling in the spring will be required to participate in Solo Performance and Chamber Music performances as assigned by the instructor. There will be required performances and service opportunities as scheduled in advance by the instructor. This is a new course.

Freshman Band-9th grade
Band - 9th-12th

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: Performance**

This course is designed to develop the instrumental music education and instrumental music skills of each student. Band is a performance class and students are required to attend all performances. Major performing ensembles include concert, marching and pep bands as well as small ensembles. Students will be assigned to a performing group fitting their needs through audition and at the discretion of the director of bands. Color Guard and the dance program is an additional facet of the high school band. This class requires year-long participation and must be continuous. No student will be allowed to participate if he/she does not participate during every semester prior to enrollment. Extenuating circumstances will be considered by the staff but final decision is ultimately rendered by the director of bands. Due to the large financial commitment by the district for each student, schedule changes are ADMINSTRATOR GENERATED ONLY.

Concert Choir

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course is a non-auditioned group of singers which uses three or four part music for mixed voices. Emphasis is on development of basic skills such as tone production, ear training, sight reading, and on expressive and artistic performance by individuals and the ensemble. A wide variety of musical styles are sung. Public performances by the choir are required. A uniform is required for this group and must be purchased at the expense of each individual. Those members who choose to participate in solo and small ensemble contest will be asked to pay the necessary entry fees and an activity fee.

Chamber Choir

Credit Amount: 1.0 (may be repeated for credit) **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course is an auditioned group of 40-60 singers who are expected to perform at an advanced level in all areas of vocal music (technique, sight-reading, languages, etc.). All styles are sung. Passing grades must be maintained in order to remain a member. Members of this choir are required to participate in a number of activities (All-State Choir auditions, all concerts, Solo and Ensemble Contest, etc.). Some of these activities have an entrance fee that must be paid by the student and a choir uniform is also required for all members of the group in addition to an activity fee. Because of the involvement in OSSAA competitions, students must maintain academic eligibility in order to remain in class.

The following courses are included in all pathways.

MUSIC Cont.

Jazz Ensemble & Advanced Jazz Ensemble

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: Audition**

This course is a very active performance group which has numerous public and school appearances each year. Jazz, pop, and rock styles will be learned, and small combos and improvisation will be a part of the class curriculum. Concurrent enrollment in Band is required.

Vocal Jazz Ensemble

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: Audition**

In this course a high level of sight reading, ear training and vocal skill is necessary for this ensemble. Learning to scat, microphone technique, and vocal jazz tuning techniques are stressed. This group of 8-16 members must be available for many public performances.

Treble Chorale

Credit Amount: 1.0 (may be repeated for credit) **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

In this course music sight-reading, vocal technique, and performance skills are developed in chorus. Standard treble choir literature and contemporary music literature are used. Public performances are required. A uniform is required and must be purchased at the expense of the individual. Those members who choose to participate in solo and small ensemble contest will be asked to pay the necessary fees. Because of the involvement in competitions on a state level, student must maintain eligibility under the competitive activities guidelines.

Show Choir

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: None**

This course will involve training in musical theater skills: singing, dancing, and acting. Participants will be asked to perform consistently in a public-relations troupe and must be in the cast or crew of the annual school musical. Auditioning skills will be emphasized. Costume is provided, by instructor approval, by participant.

The following courses are included in all pathways.

Piano I (WHS Only)

Credit Amount: 0.5 (may be repeated for credit) **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This class is designed for the student who has an interest in learning basic theory and intro to piano. Students will be introduced to basic fundamentals of music i.e. note names, major and minor scales and harmonies, as well as correct piano technique. They will learn to sight-read and will perform in the classroom setting. Students will be assessed in both written and performance format (i.e. daily practicing, sight-reading and preparation of assigned repertoire).

Piano II (WHS Only)

Credit Amount: 0.5 (may be repeated for credit) **Grades: 9-12**
Credit Type: Elective **Prerequisites: Approval**

This class is designed for the student who is currently enrolled in a vocal or instrumental music class and wishes to develop piano skills that will help prepare him/her for college piano. Students will use their knowledge of basic fundamentals that have been acquired in their band or choir class and will increase their musical literacy by developing keyboard skills such as sight reading, technical facility, primary and secondary harmonies. Students will be assessed in both written and performance format (i.e. daily practicing, sight-reading and preparation of assigned repertoire).

Piano III (WHS Only)

Credit Amount: 0.5 (may be repeated for credit) **Grades: 9-12**
Credit Type: Elective **Prerequisites: Piano II or Approval**

This class is designed for the advanced piano student seeking to refine and expand their technical, theoretical, and interpretative skills. Students will delve deeper into complex repertoire, advanced harmonies, and improvisation techniques while continuing to develop their sight-reading and technical proficiency. Emphasis will be placed on stylistic interpretation, performance techniques, and preparing solo and ensemble pieces for potential public performances. Assessment will include written theory, technical exercises, and performance evaluations of assigned repertoire.

Chamber and Ensemble Skills (WHS Only)

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Fine Arts **Prerequisites: None**

This course is designed to continue the individual development of the growing instrumental musician. They will be expected to participate in solo competitions and will receive individualized instruction on those solo works in how to take them to the next level of performance. Emphasis will also be put on progressing ensemble skills through chamber works. All students in the class will be assigned chamber ensembles with which the instructors will work to enhance ensemble listening skills, musicality, and correct ensemble rehearsal etiquette and procedures. There will be required performances as well as the required contests for them to participate in. This course is great for all instrumental musicians whether they choose to pursue music or music education beyond high school or not but is especially helpful for those who do want to pursue music in any form beyond high school. This is a new course.

Graphic Design, Publications and Computer Repair

Intro to Tech Crew (Computer Repair I)

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: Fundamentals of Technology**

In this course students will learn computer software, troubleshooting and through a combination of hands-on and project-based learning, textbook assignments, and internet research students will prepare for and take a Dell Certification in this course.

*Students cannot take this course if they are accepted in to the MNTC Cyber Defense or Cloud and Virtual Network Administration Programs.

Tech Crew (Computer Repair II)

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Elective **Prerequisites: Intro to Tech Crew**

In this course students will work in the classroom and with MPS IT Technicians to troubleshoot and repair computers and software. Students will begin to prepare for CompTIA certification. This course will prepare students for Internship Opportunities and Careers in Information Technology.

*Students cannot take this course if they are accepted in to the MNTC Cyber Defense or Cloud and Virtual Network Administration Programs.

Photography

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

Students who take this class need a digital camera (Point and Shoot or DSLR) in working order for use throughout the course. In this basic course, students will learn camera operation, including how to use the aperture and shutter controls to achieve desired effects. In addition to a camera, students need cords, memory card, batteries, and clear protector sheets. Students will be responsible for developing pictures from the memory card at an outside lab. Students can anticipate the cost at about 15-20 dollars per month.

*Involvement in Yearbook and Newspaper Publications is a part of this course.

The following courses are included in all pathways.

Intro to Publications

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: Teacher Approval**

This course provides students with fundamental concepts, principles, and ideas needed to understand how business is operated and managed in a rapidly changing technical environment. It provides job readiness and soft skills critical for success in any workplace setting.

*Involvement in Yearbook and Newspaper Publications is a part of this course.

Publications II

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: Intro To Publications and Approval**

In this course, students will acquire skills in digital photography. Additionally, students will understand certification standards and copyright basics.

*Involvement in Yearbook and Newspaper Publications is a part of this course.

*Students cannot take this course if they are accepted in to the MNTC Graphic Design Program.

Publications III

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Elective **Prerequisites: Publications II and Teacher Approval**

In this course students will acquire fundamental skills in image creation and management procedures and techniques as they create, revise, optimize, and export graphics for video, print, and web publishing. This course is a part of the and Web and Digital Communications Information Technology pathway with focus on the Digital Design and Publishing State Program Area. Students will prepare for careers in digital communication as they learn to develop personal and professional videos applying appropriate certification and copyright standards. Additional work will be required as deadlines approach. This work can be logged 1-2 hours a week either at lunch or after school.

*Involvement in Yearbook and Newspaper Publications is a part of this course.

Publications IV

Credit Amount: 1.0 **Grades: 12**
Credit Type: Elective **Prerequisites: Publications III and Teacher Approval**

In this course students will be immersed in the basic elements of design and composition including typography, color and information design. Students also focus on enhancing their creativity by producing graphical assets that incorporate design principles Additional work will be required as deadlines approach. This work can be logged 1-2 hours a week either at lunch or after school.

*Involvement in Yearbook and Newspaper Publications is a part of this course.

Ethical Leadership

Credit Amount: 1.0 **Grades: 12**
Credit Type: Elective Prerequisites: Publications III and Teacher Approval

This course is a principles-based ethics course introducing students to key leadership and ethical knowledge and skills, including integrity, trust, accountability, transparency, fairness, respect, rule of law, and viability. Students apply ethical principles to contemporary, real-world situations that teens and young adults often encounter in school, at home, with friends, and entry-level job positions. They examine the concept of ethical leadership and strengthen their leadership and ethical decision-making skills through the planning, implementation, and evaluation of a class service-learning project.

*Involvement in Yearbook and Newspaper Publications is a part of this course.

The following courses are included in all pathways.

Graphic Design I

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective **Prerequisites: Fundamentals of Technology**

In this course students will acquire skills related to communicating through visual design with the primary emphasis of this course being desktop publishing and working with graphics. This course is a part of the Web and Digital Communications Information Technology Pathway with focus on the Digital Design and Publishing, Multimedia Technology, Computer Network Support, Cyber Security, Networking, & Audio and Video Technology State Program Areas.

*Students cannot take this course if they are accepted in to the MNTC Graphic Design Program.

Graphic Design II

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: *Elective
Prerequisites: Graphic Design I

In this course students will acquire fundamental skills in image creation and management procedures and techniques as they create, revise, optimize, and export graphics for video, print, and web publishing. This course is a part of the Web and Digital Communications Information Technology Pathway with focus on the Digital Design and Publishing, Multimedia Technology, Computer Network Support, Cyber Security, Networking, & Audio and Video Technology State Program Areas.

*Students cannot take this course if they are accepted in to the MNTC Graphic Design or Digital Cinema and TV Production Programs.

Leadership Pathway

Fundamentals of Leadership

Credit Amount: 0.5 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course is a project driven course that will explore leadership skills, problem solving, decision–making, community service, project planning and implementation. Leaders enrolled in this course will actually work on school related projects while exploring goal setting, communication skills, assertiveness, and group dynamics. In addition, these students will have the opportunity to examine their own leadership style while considering the leadership qualities of both living and historical leaders. Ultimately, students in this course will have the opportunity to explore their leadership potential in a "hands–on" environment.

Leadership

Credit Amount: 1.0 (may be repeated for credit) **Grades: 9-12**
Credit Type: Elective **Prerequisites: Elected or Appointed**

This course teaches leadership skills and offers the students realistic opportunities where they can put these skills to work. The course will include, but not be limited to, theories of leadership, problem solving, inter–and intra–personal management, goal setting, oral and written communications, multicultural awareness and sensitivity, and citizenship development. An essential part of this class is active "hands on, mind on" experimental learning. While the students are learning content, they are working on school and community projects that make the theoretical material relevant.

Link Crew/FUSE Leadership

Credit Amount: 1.0 (may be repeated for credit) **Grades: 11-12**
Credit Type: Elective **Prerequisites: Approval**

This course is for students selected to serve as freshman mentors in the Freshman Utilizing Senior experience (FUSE) program. Students taking this class will develop leadership and mentoring skills to continue working with freshmen to help them transition to high school social and academic environment.

The following courses are included in all pathways.

MARKETING CTE Pathway

Marketing Fundamentals

Credit Amount: 1.0 **Grades: 9**
Credit Type: Elective **Prerequisites: None**

This course is a course of study in the basic marketing concepts and foundations with an emphasis on the application of technology to perform marketing duties/tasks and software applications including the use of word processing, databases, spreadsheets, and graphics. Course content includes topics related to human relations, math, communication, economics, selling, promotion, risk management, distribution, and marketing trends. Students learn office and job safety, competencies required to secure and hold jobs. Students will develop leadership traits and identify their leadership potential through participation in DECA, the marketing student organization.

Sports and Entertainment Marketing

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Elective
Prerequisites: Marketing Fundamentals or 11th Grade & Teacher Approval

This is a specialized course designed for students with a career interest in the sports and entertainment industry. Instructional areas will include: orientation to the sports and entertainment industry, economics, decision-making, event marketing, sales and sales promotions, event executions, legal aspects/contracts, and career opportunities. Classroom instruction will be reinforced through the use of outside lectures, case studies, field trip experiences, job shadowing, current periodicals, computers and software, in-house projects, and constructive/discovery learning. Students will develop leadership traits and identify their leadership potential through participation in the DECA (an association of marketing students) student organization.

Advertising Strategies

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Elective **Prerequisites: Sports and Entertainment**

This course studies the basic functions of advertising; its role in marketing communications; economics, consumer behavior, and social influence. Students explore advertising techniques and the technology used in advertising institutions and media; campaigns and appropriations; retail and business-to-business aspects to develop and implement a promotional plan.

Entrepreneurship

Credit Amount: 1.0 **Grades: 12**
Credit Type: Elective **Prerequisites: Advertising Strategies**

This course will provide students with fundamental concepts, principles and ideas needed to understand the basics of entrepreneurship in business management. Skills demonstrated are as follows: develop a Business Plan, Identify Marketing Needs, Insurance Concepts pertaining to a business, how to market a business, maintain records and accounting processes, manage finances, integrate technology into the business functions, apply legal, ethical and social obligations, and analyze the growth of today's marketplace.

The following courses are included in all pathways.

Additional Pathway Units

The following courses are included in all pathways.

Moore Success in High School (Required)

Credit Amount: 0.5 **Grades: 9**
Credit Type: Elective **Prerequisites: None**

This course provides students with fundamental concepts, principles, and ideas needed to understand how business is operated and managed in a rapidly changing technical environment. It provides job readiness and soft skills critical for success in any workplace setting. This course also provides job readiness skills and soft skills that are critical for success in any workplace setting. This course is a part of the Web and Digital Communications Information Technology Pathway with focus on the Digital Design and Publishing, Multimedia Technology, Computer Network Support, Cyber Security, Networking, & Audio and Video Technology State Program Areas.

Fundamentals of Technology

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course provides students with fundamental concepts, principles, and ideas needed to understand how business is operated and managed in a rapidly changing technical environment. It provides job readiness and soft skills critical for success in any workplace setting. This course also provides job readiness skills and soft skills that are critical for success in any workplace setting. This course is a part of the Web and Digital Communications Information Technology Pathway with focus on the Digital Design and Publishing, Multimedia Technology, Computer Network Support, Cyber Security, Networking, & Audio and Video Technology State Program Areas.

Psychology

Credit Amount: 0.5 **Grades: 11-12**
Credit Type: Social Studies **Prerequisites: None**

This course is the study of human social behavior from an individual perspective including the foundations of psychology as an empirical social science, the structure and functions of the brain, human development, and how individuals adapt to their environment. Students will examine principles of motivation, how a person's culture and society influence the individual, psychological disorders, and the promotion of mental health.

Careers

Credit Amount: 0.5 **Grades: 11-12**
Credit Type: Elective **Prerequisites: None**

This course is designed to teach students how to choose and plan a career. This course includes topics of preparing and interviewing for a job, getting along with employers and co-workers, and computing payroll information. Students will develop awareness of some of the realities involved in the business world. A portion of the course is spent in cooperative office training in school offices.

Internship

Credit Amount: 0.5 or 1.0 **Grades: 12**
Credit Type: Elective **Prerequisites: Application and Approval**

This course utilizes classroom instruction and on-site intern experience. Upon completion of this course you have a better understanding of employment soft skills and specific career options. Traditional letter-grades will be assigned for this class, grades are based upon work, attendance, performance reviews, classroom performance during instructional time, weekly journals and a final project. Times and credit for this class vary based on the student's schedule and the amount of time at the worksite. This is a one semester course that may be repeated.

ACT, SAT, PSAT/NMQT Prep.

Credit Amount: 0.5 **Grades: 10-12**
Credit Type: Elective **Prerequisites: English II and Geometry**

In this course students will focus on those test-taking skills needed for the ACT and PSAT/NMQT. This course is for college bound students. The materials are developed around specific information on the question formats that the students encounter on the ACT and PSAT/NMQT and SAT1. The general skills include optimizing use of time, eliminating illogical answers, following directions, marking answer sheets, and for some students, handling test anxiety. The specific knowledge required to respond to a given question type involves understanding the skills being measured and practiced with the question format.

Sociology

Credit Amount: 0.5 **Grades: 10-12**
Credit Type: Social Studies **Prerequisites: None**

This course is the study of human social behavior from a group perspective including recurring patterns of attitudes, actions and reactions, and ho these patterns vary in social groups, among cultures, and across time. Students will examine diverse societies, group behavior and social structures, as well as the impact of cultural change on society and using scientific method of sociological thought. As in other social science disciplines, sociology guides students to continue to develop skills in thinking, inquiry and research, and participation in a culturally diverse, democratic society in an interdependent world.

The following courses are included in all pathways.

AMERICAN SIGN LANGUAGE

American Sign Language I (WHS Only)

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Foreign Language **Prerequisites: None**

This course is an introduction to American Sign Language. Students will learn basic vocabulary, grammar, history, fingerspelling, numbers, terminology, and Deaf culture.

American Sign Language II (WHS Only)

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Foreign Language **Prerequisites: ASL I**

This course will build and extend on knowledge and skills covered in the first course. Students will explore various techniques of American Sign Language including grammatical features, fingerspelling, vocabulary, facial expression, and literature. In addition, students will improve expressive and receptive skills and knowledge of Deaf culture.

LATIN

Latin I (MHS and SHS Only)

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Foreign Language **Prerequisites: None**

This course includes the intense study of vocabulary, grammar, and word derivations. It also includes an overview in Roman Mythology, Roman History, and Roman Culture. Throughout this course, an appreciation for the past is developed and Latin's relevance to the present is stressed.

Latin II (MHS and SHS Only)

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Foreign Language **Prerequisites: Latin I**

This course is a continuation in the study of grammar, vocabulary, and derivatives. Primary emphasis outside grammar is on Roman History.

Latin III (MHS and SHS Only)

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Foreign Language **Prerequisites: Latin II**

In this course students will continue to strengthen their grammar, vocabulary, and translation skills in preparation for a college level course and success in Advanced Placement Latin. Students will also increase their knowledge of Roman civilization and culture.

Latin IV (MHS and SHS Only)

Credit Amount: 1.0 **Grades: 12**
Credit Type: Foreign Language **Prerequisites: Latin III**

Students in this course have completed extensive studies in vocabulary acquisition and grammar, and have acquired intermediate skills in reading and translating Latin. This course is designed to refined, perfect, and enhance these skills, as well as broaden students' understanding of Roman culture in preparation for the Advanced Placement examination.

FRENCH

French I

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Foreign Language **Prerequisites: None**

In this course students will acquire communicative skills in through reading, writing, listening, speaking, and cultural exploration. The goal of this course is novice proficiency in French. Students will demonstrate their language skills through projects, simulations, role play and other language-rich activities. Focus is placed on essential vocabulary and grammar knowledge.

French II

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Foreign Language **Prerequisites: French I**

In this course students will improve communicative skills in through reading, writing, listening, speaking, and cultural exploration. The goal of this course is novice to intermediate-low proficiency in French. Students will demonstrate their language skills through projects, simulations, role play and other language-rich activities. Students will acquire more complex language structures and more detailed vocabulary and grammar structures.

Honors French III

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Foreign Language **Prerequisites: French II**

In this course students will improve communicative skills through reading, writing, listening, speaking, and cultural exploration. The goal of this course is intermediate proficiency in French. Students will strengthen usage of more complex language structures, including detailed vocabulary and grammar structures. Students will begin to produce and comprehend the target language in a manner that is in accordance with preparing students for success in Advanced Placement French. Students will demonstrate their language skills through discussion of authentic literary text, authentic cultural experiences, and other language-rich activities.

AP French Language & Culture (French IV)

Credit Amount: 1.0 **Grades: 12**
Credit Type: Foreign Language **Prerequisites: French III**

This course parallels the skill development of an intermediate university French course in composition and conversation. This course focuses on developing and extending proficiency in listening, speaking, reading, and writing in French. Students will develop written communication skills by reading a broad selection of authentic, real-world texts and writing communication skills by reading a broad selection of authentic, real-world texts and writing compositions in presentational interpersonal and academic modes. They will practice communication skills through a wide variety of opportunities to speak in both formal and informal situations and to listen to authentic, real-world media. They will explore cultural topics and develop global awareness through study of the language and culture. During this course students will prep for the AP French Language & Culture test, This course is conducted almost exclusively in French.

The following courses are included in all pathways.

Spanish I

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Foreign Language **Prerequisites: None**

This course introduces basic conversation and grammar. Speaking, listening, reading, and writing are presented in an integrated approach. The student will also become acquainted with the culture of Spanish-speaking countries through videos, discussions, and cultural activities. The goal of this course is novice proficiency in Spanish.

Spanish II

Credit Amount: 1.0 **Grades: 10-12**
Credit Type: Foreign Language **Prerequisites: Spanish I**

This course is a continuation of speaking, listening, reading, and writing skills presented in Spanish I with more emphasis on original oral and written work. Cultural information is again an integral part of the class with more of the information presented in Spanish. The goal of this course is novice to intermediate-low proficiency in Spanish.

Honors Spanish III

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Foreign Language **Prerequisites: Spanish II**

This course provides thorough preparation for a college level Spanish course. The course is taught primarily in Spanish and focuses on listening, speaking, reading, and writing skills through the use of authentic materials. Students will begin to produce and comprehend Spanish in a manner that is in accordance with preparing students for success in Advanced Placement Spanish. The goal of this course is intermediate proficiency.

AP Spanish Language (Spanish IV)

Credit Amount: 1.0 **Grades: 12**
Credit Type: Foreign Language **Prerequisites: Spanish III**

This course parallels the skill development of an intermediate college Spanish course in composition and conversation. The course focuses on developing and extending proficiency in listening, speaking, reading and writing skills. Students will develop written communication skills through reading authentic, real-world texts and writing a broad selection of compositions, including creative, interpersonal and academic modes. Students will practice oral communication skills through a wide variety of opportunities to speak in both formal and informal situations and to listen to authentic, real-world Spanish-language media. Students will explore cultural topics and develop global awareness through their study of the language. Time will be spent during this course preparing students for the AP Spanish Language test, which is given in May. This course is conducted almost exclusively in Spanish.

AP Spanish Language (Spanish V)

Credit Amount: 1.0 **Grades: 12**
Credit Type: Foreign Language **Prerequisites: Spanish IV**

This course is a continuation of the skills and competencies presented in AP Spanish Language (Spanish IV) with a focus on preparation for the AP Spanish Language test, which is given in May. This course is conducted almost exclusively in Spanish.

SPANISH

Spanish I for Heritage Speakers

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Foreign Language **Prerequisites: See Counselor**

This course is for fluent Spanish speakers who need additional instruction in reading and writing in Spanish. Students will acquire skills that range from learning grammar and spelling, developing specialized vocabulary through the study of other disciplines, and interpretation and analysis of different literary genres. Students will also increase their awareness and appreciation of different Spanish-speaking cultures. Students will compare and contrast language functions between Spanish and English and enhance their language skills in both languages. Spanish exclusively will be used in the classroom.

Spanish II for Heritage Speakers

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Foreign Language **Prerequisites: Spanish I for Heritage**

This course is a continuation of the skills and competencies presented in Spanish I for Heritage Speakers. In addition, it will prepare students for success in Honors Spanish III and/or AP Spanish.

AP Spanish Literature & Culture

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Foreign Language **Prerequisites: Spanish III**

This course continues to parallel the skill development of intermediate-level university Spanish coursework, building on students' written and oral Spanish skills at the intermediate and advanced levels. Class activities will increase the range of students' interpretative and communicative abilities by presenting more varied themes and texts for students to read and discuss, while expanding their knowledge of Spanish-speaking peoples and cultures. Through reading authentic texts, students will encounter the cultural perspectives of Spanish-speaking world. Students will draw connections with world history, world literature, geography, the fine arts, and cultural studies. This course is conducted almost exclusively in Spanish.

Electives

The following courses are eligible for elective credit only. These courses cannot be used as Pathway units.

Competitive Athletics

Credit Amount: 0.5 or 1 **Grades: 9-12**
Credit Type: Elective **Prerequisites: Approval**

These courses offer students the opportunity to represent the school in athletic events. Students are required to practice and participate at times assigned by the coach and to provide their own transportation home following practice. Students compete in football, basketball, wrestling, cheerleading, swimming, track, tennis, golf, boys' baseball, soccer, girls' softball (slow and fast pitch), girls' gymnastics, girls' volleyball, diving, cross-country, and pom (non-OSSAA sanctioned).

Athletic Training

Credit Amount: 0.5 or 1 **Grades: 9-12**
Credit Type: Elective **Prerequisites: Approval**

This course will provide students with the opportunity to explore the field of sports medicine. The students will serve as student athletic trainers for the athletic teams. First aid, taping techniques, rehabilitation programs, as well as many other facets of injury management, will be covered. Each student will be expected to meet basic athletic training competencies.

Weight Lifting

Credit Amount: 0.5 or 1 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course is a coed class designed for students with a serious interest in weightlifting. It is an intense program working with free weights, machines, aerobic activity, and exercise. This enables the students to have the opportunity to increase their overall level of strength and condition.

Health

Credit Amount: 0.5 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course is the study of the major health problems in America will be the basis for the class. Special attention will be directed at those problems that specifically affect teenagers. Problems will range from heart disease and mental illness to drugs and alcohol and teenage pregnancies. Each topic will be looked at thoroughly to find ways to remedy or prevent its occurrence.

Physical Education

Credit Amount: 0.5 or 1 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

This course will provide the student with the opportunity to improve his/her total fitness and health through a variety of activities that include weight lifting, recreational sports, competitive athletics, and aerobics and calisthenics. Long-term health objectives are stressed through safety, nutrition, and preventative health.

Girls PE & Fitness

Credit Amount: 0.5 or 1 **Grades: 9-12**
Credit Type: Elective **Prerequisites: None**

In this course students will learn to be aware of the food they are eating and will participate in cardiovascular training, toning muscles and aerobic workouts. Students will learn the importance of a well-balanced diet as well as participate in daily physical activity. They will demonstrate this knowledge by using a variety of training methods during the semester.

Library Science

Credit Amount: 0.5 **Grades: 10-12**
Credit Type: Elective **Prerequisites: Approval**

This course teaches students how materials are organized in a library. They learn to locate and to evaluate media resources. They practice basic research skills. This learning is accomplished as they assist students and teachers in utilizing media resources in three functional areas: printed materials, audio-visual materials, and materials production. Library students also study the role of the media center in the total school program.

Esports

Credit Amount: 0.5 **Grades: 9-12**
Credit Type: Elective (can be repeated for credit) **Prerequisites: Approval**

This course is composed of several tryouts-only esports teams that engage in high-level competitive play against esports teams from other schools. Players are expected to set and regularly update personal practice goals, engage cooperatively with teammates, and develop "metaknowledge" of the games for which they have earned their positions. A variety of team games are played each semester, and individual games are offered depending on current league titles. Players will have the opportunity to stream matches, which will be viewable by classmates and family.

MVA

ENGLISH
MATH
SCIENCE
SOCIAL STUDIES

Please See the appropriate Core Course Description for Prerequisite & Grade Requirements.

MVA ELECTIVES

Human Geography

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: Approval**

This course examines current global issues that impact our world today, this course takes a thematic approach to understanding the development of human systems, human understanding of the world, and human social organization. Divided into two semesters, this high school course will challenge students to develop geographic skills, including learning to interpret maps, analyze data, and compare theories. Offering interactive content that will grow students' understanding of the development of modern civilization and human systems—from the agricultural revolution to the technological revolution—this course encourages students to analyze economic trends as well as compare global markets and urban environments.

Psychology

Credit Amount: 1.0 **Grades: 11-12**
Credit Type: Elective **Prerequisites: Approval**

This course introduces high school students to the study of psychology and helps them master fundamental concepts in research, theory, and human behavior. Students analyze human growth, learning, personality, and behavior from the perspective of major theories within psychology, including the biological, psychosocial, and cognitive perspectives. From a psychological point of view, students investigate the nature of being human as they build a comprehensive understanding of traditional psychological concepts and contemporary perspectives in the field.

Sociology

Credit Amount: 0.5 **Grades: 10-12**
Credit Type: Elective **Prerequisites: Approval**

This course provides insight into the human dynamics of our diverse society. This is an engaging, one-semester course that delves into the fundamental concepts of sociology. This interactive course, designed for high school students, covers cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, social stratification, racial and ethnic interactions, gender roles, family structure, the economic and political aspects of sociology, the sociology of public institutions, and collective human behavior, both historically and in modern times.

Students enrolled in Moore Virtual Academy (MVA) have access to a variety of courses, with eligibility for the Advanced Academic Pathway. While some pathways may not be available to all MVA students, the Advanced Academic Pathway is open for all MVA courses, offering a challenging and enriching academic experience.
To ensure alignment with individual graduation and career goals, students are encouraged to consult with their school counselor. Your counselor can provide guidance on selecting the pathway that best fits your Individual Career and Academic Plan (ICAP), helping you achieve academic success and prepare for future opportunities.

Introduction to Art

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Fine Arts **Prerequisites: Approval**

This course covers art appreciation and the beginning of art history, this course encourages students to gain an understanding and appreciation of art in their everyday lives. Presented in an engaging format, Intro to Art provides an overview of many introductory themes: the definition of art, the cultural purpose of art, visual elements of art, terminology and principles of design, and two- and three-dimensional media and techniques. Tracing the history of art, high school students enrolled in the course also explore the following time periods and places: prehistoric art, art in ancient civilizations, and world art before 1400.

Art History I

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Fine Arts **Prerequisites: Approval**

This course introduces art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, this course offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions. Students enrolled in this course cover topics including early medieval and Romanesque art; art in the twelfth, thirteenth, and 53 fourteenth centuries; fifteenth-century art in Europe; sixteenth-century art in Italy; the master artists; High Renaissance and baroque art; world art, which includes the art of Asia, Africa, the Americas, and the Pacific cultures; eighteenth-and nineteenth-century art in Europe and the Americas; and modern art in Europe and the Americas.

Introduction to Computer Science

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Computer **Prerequisites: Approval**

This course is designed for students in grades 9–10, although any students across grades 9–12 may enroll. This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can affect the world. Students have creative, hands-on learning opportunities to create computer programs, develop web pages, design mobile apps, write algorithms, and collaborate with peers while building strong foundational knowledge. This course provides a solid foundation for more advanced study as well as practical skills that students can use immediately.

Computer Applications 2016

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Computer **Prerequisites: Approval**

This course introduces students to the features and functionality of the most widely used productivity software in the world: Microsoft Office. Through video instruction, interactive skill demonstrations, and numerous hands-on practice assignments, students learn to develop, edit and share Office 2016 documents for both personal and professional use. By the end of this course, students will have developed basic proficiency in the most common tools and features of the Microsoft Office suite of applications: Word, Excel, PowerPoint, and Outlook.

Computer Science

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Computer **Prerequisites: Approval**

This course introduces students to a broad set of big ideas: creative development, data, algorithms and programming, computing systems and networks, and the impact of computing. Additionally, this course emphasizes the use of computational thinking practices for effective learning experiences and problem solving. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. Students will need to access to Python to complete this course.

MVA ELECTIVES

Introduction to Communications and Speech

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Fine Arts for College Prep/Elective for Core
Prerequisites: Approval

This course begins with an introduction that builds student understanding of the elements, principles, and characteristics of human communication, this course offers fascinating insight into verbal and nonverbal messages and cultural and gender differences in the areas of listening and responding. High school students enrolled in this one-semester course will be guided through engaging lectures and interactive activities, exploring themes of self-awareness and perception in communication. The course concludes with units on informative and persuasive speeches, and students are given the opportunity to critique and analyze speeches.

Spanish I

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Foreign Language **Prerequisites: Approval**

This course begins the introduction to high school Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas.

Spanish II

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Foreign Language **Prerequisites: Approval**

In this course students continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major Spanish-speaking areas in Europe and the Americas, and assessments.

MVA ELECTIVES

Concepts in Probability & Statistics

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: Approval**

This course is a full-year high school course. The first half of the course begins with an in-depth study of probability and an exploration of sampling and comparing populations and closes with units on data distributions and data analysis. In the second half of the course, students create and analyze scatterplots and study two-way tables and normal distributions. Finally, students apply probability to topics such as conditional probability, combinations and permutations, and sets.

Mathematical Models with Applications

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: Approval**

This course broadens and extends the mathematical knowledge and skills acquired in Algebra I, the primary purpose of this course is to use mathematics as a tool to model real-world phenomena students may encounter daily, such as finance and exponential models. Engaging lessons cover financial topics, including growth, smart money, saving, and installment-loan models. Prior mathematical knowledge is expanded, and new knowledge and techniques are developed through real-world application of useful mathematical concepts.

MVA ELECTIVES

Health

Credit Amount: 0.5 **Grades: 9-12**
Credit Type: Elective **Prerequisites: Approval**

This course will encourage students to make responsible, respectful, informed, and capable decisions about topics that affect the well-being of themselves and others, this course is a one-semester course that provides students with comprehensive information they can use to develop healthy attitudes and behavior patterns. Designed for high school students, this informative and engaging course encourages students to recognize that they have the power to choose healthy behaviors to reduce risks.

Foundations of Personal Wellness

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: Approval**

In this course students will explore a combination of health and fitness concepts, this comprehensive and cohesive course explores all aspects of wellness. Offered as a two semester course designed for high school students, coursework uses pedagogical planning to ensure that students explore fitness and physical health and encourages students to learn about the nature of social interactions and how to plan a healthy lifestyle. NOTE: This course contains content from both Healthy Living and Lifetime Fitness; to avoid duplication, students should take either those one-semester courses or this fully Year course.

MVA ELECTIVES

Literacy & Comprehension I

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: Approval**

This course is one of two intervention courses designed to support the development of strategic reading and writing skills. These courses use a thematic and contemporary approach, including high interest topics to motivate students and expose them to effective instructional principles using diverse content area and real-world texts. Both courses offer an engaging technology-based interface that inspires and challenges students to gain knowledge and proficiency in the following comprehension strategies: summarizing, questioning, previewing and predicting, recognizing text structure, visualizing, making inferences, and monitoring understanding with metacognition. Aimed at improving fluency and vocabulary, self evaluation strategies built into these courses inspire students to take control of their learning.

Literacy & Comprehension II

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: Approval**

This course offers high-interest topics to motivate students who are reading two to three levels below grade, this course works in conjunction with Literacy
& Comprehension I to use a thematic and contemporary approach to expose students to effective instructional principles using diverse content area and real-world texts. Each of these reading intervention courses offers an engaging, technology-based interface that inspires and challenges high school and middle school students to gain knowledge and proficiency in the following comprehension strategies: summarizing, questioning, previewing and predicting, recognizing text structure, visualizing, making inferences, and monitoring understanding with metacognition. Aimed at improving fluency and vocabulary, self-evaluation strategies built into these courses inspire students to take control of their learning.

Expository Reading & Writing

Credit Amount: 1.0 **Grades: 9-12**
Credit Type: Elective **Prerequisites: Approval**

This course is an elective course and is designed to develop critical reading and writing skills while preparing high school students to meet the demands of college-level work. While students will explore some critical reading skills in fiction, poetry, and drama the focus of this course will be on expository and persuasive texts and the analytical reading skills that are necessary for college success. Students will read a range of short but complex texts, including works by Walt Whitman, Abraham Lincoln, Cesar Chavez, Martin Luther King Jr., Langston Hughes, Julia Alvarez, Edna St. Vincent Millay, and Gary Soto.