MOORE
PUBLIC SCHOOLS

Course Catalog

2024–2025

High School

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The Arts
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- Music

Business & Marketing
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MVA Core
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Moore Public Schools Diploma Requirements

	College Preparatory/Work Ready Curriculum	Core/Standard Curriculum
English	**4 units** Grammar, composition, literature, or any English course approved for college admission requirements.	**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	**3 units (In grades 9-12)** Limited to Algebra 1, Algebra 2, Geometry, Trigonometry, PreCalculus, Calculus, Statistics, or any math course with content and/or rigor above Algebra 1 and approved for college admission requirements. Note: Math courses above Algebra 1 may be taught at a high school or technology center.	**3 units (In grades 9-12)** 1 unit of Algebra 1 or Algebra 1 taught in contextual methodology 2 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 life science (Biology – may be Honors or AP) 1 unit of physical science standards (Physical Science, Physics, or Chemistry) 1 unit of any Life, Physical, or Earth and Space Science (at or above the rigor of Biology or Physical Science)	**3 units** 1 unit of Biology or Biology taught in a contextual methodology 2 units from a lab science from State Department of Education approved coursework which may include but is not limited to the following courses: Chemistry, Physics, Physical Science, Earth Science, Zoology, Physiology, Astronomy, Applied Physics, Principles of Technology, or other science courses with content over and/or rigor equal to or above Biology or Physical Science, as recommended by the district and approved by the State Department of Education**
Social Studies	**3.5 units** 1 unit of World History 1 unit of U.S. History 1 unit of American Studies (Government) .5 unit of Oklahoma History	**3.5 units** 1 unit of World History 1 unit of U.S. History 1 unit of American Studies (Government) .5 unit of Oklahoma History
Financial Literacy	**.5 unit** Personal Financial Literacy	**.5 unit** Personal Financial Literacy
The Arts	**1 unit** which may include, but are not limited to: Music, Art, Drama, OR 1 unit of Speech.	**1 unit** which may include, but are not limited to: Music, Art, Drama
World Languages OR Computer Tech	**2 units** of the same Foreign Language or non-English Language OR **2 units** of Computer Technology: approved for college admission requirements, whether taught at a high school or technology center school, including Computer Programming, Hardware, and Business Computer Applications such as Word Processing, Databases, Spreadsheets, and Graphics, excluding Keyboarding or Typing courses.	**1 unit** 1 unit of Computer Technology including computer programming, hardware and business computer applications, such as word processing, databases, spreadsheets, and graphics, excluding keyboarding or typing courses.
Additional Unit	**1 unit** 1 additional unit selected from any of the above or career and technology education courses approved for college admission requirements.	**(none required)**
Electives	**5 units**	**7 units** the completion of 2 units of foreign language is recommended
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

Moore Public Schools offers a wide variety of CareerTech Pathways that you may want to explore or follow. These courses are designed for you to explore careers in a given field that ultimately help to prepare you for college, tech school, military and/or the workforce. Take a look at the pathways and refer to the corresponding section of the catalog for more detailed information!

Agriculture

Ag Exploration
- Intro to Agriscience
- Agriscience II

Architecture, Construction & Manufacturing
- Intro to Agriscience
- Ag Power I (Mechanics)
- Ag Power II (Technology)
- Ag Power III (Structures)

Ag Communications
- Intro to Agriscience
- Intro to Ag Communications
- Ag Leadership & Personal Development

Animal Science
- Intro to Agriscience
- Intro to Animal Science
- Livestock Production
- Advanced Animal Science

Plant Science
- Intro to Agriscience
- Intro to Horticulture
- Landscape & Nursery Production
- Greenhouse & Floral Design

Family & Consumer Sciences

Culinary Arts/Hospitality & Tourism
- Family & Consumer Sciences
- Culinary Basics

Fashion/Visual Arts
- Family & Consumer Sciences
- Fashion & Apparel Design

Human Services
- Family & Consumer Sciences
- Human Growth & Development

Interior Design/Visual Arts
- Family & Consumer Sciences
- Housing & Interior Design

Business, Marketing & Finance

Entrepreneurship, Business & Marketing
- Business Ownership Basics
- Business Ownership I
- Business Ownership II

Information Technology

Computer Repair
- Fundamentals of Technology
- Intro to Tech Crew (REPAIR I)
- Tech Crew (REPAIR II)

Publications & Broadcasting
- Fundamentals of Technology
- Desktop Publishing & Graphic Design DDP
- Digital Media Production DDP
- Layout Design Techniques DDP

Web & Digital Communications
- Fundamentals of Technology
- Desktop Publishing & Graphic Design
- Multimedia & Image Management Techniques

Technology & Engineering

Programming, Cyber Security & Engineering
- PLTW Honors Computer Science Essentials
- PTLW AP Computer Science Principles
- PLTW AP Computer Science A

Aircraft Maintenance
- Aircraft I
- Aircraft II
- Aircraft III
- Aircraft IV

Aviation
- Aviation I
- Aviation II
- Aviation III
- Aviation Capstone

Moore Public Schools offers a wide variety of Elective Pathways and Courses that you may want to explore or follow. Take a look at the courses and refer to the corresponding section of the catalog for more detailed information about each course or course sequence!

The Arts

General Art

- Art Appreciation I
- Humanities
- AP Art History
- Digital Art

Art

- 2D Art I
- 2D Art II
- Honors 2D Art III
- AP 2D Studio Art
- 3D Studio Art
- 3D Studio Art II
- Honors 3D Studio Art
- AP 3d Studio Art

Theatre Arts

- Drama (Intro to Theatre)
- Drama (Theatre Arts)
- Drama (Advanced Theatre)
- Drama (Repertory Theatre)
- Technical Theatre & Design

Speech

- Mock Trial
- Competitive Acting
- Competitive Acting II
- Advanced Competitive Acting

Debate

- Competitive Debate I
- Competitive Debate II
- Advanced Competative Debate

Musical Production

- Music Appreciation
- AP Music Theory
- Band (various levels)
- Jazz Ensemble
- Advanced Jazz Ensemble
- Musical Production
- Piano
- Choir (various levels)
- Vocal Jazz Ensemble

Co-Curricular

Co-Curricular

- Health
- ACT, SAT, PSAT, NMQT Prep
- Library Science
- Careers
- Internship (Seniors)

Leadership

- Fundamentals of Leadership
- Leadership
- Link Crew Leadership

Physical Education

- PE (various)
- Weightlifting
- Athletics (various)
- Athletic Trainer

Language Arts & Social Studies Exploration

English Language Arts Electives

- Creative Writing I
- Creative Writing II

Social Studies Electives

- International Studies
- Ethnic Studies
- AP Human Geography
- AP European history
- American Justice System
- Sociology
- Psychology
- AP Psychology

World Languages

World Languages

- Latin
- French
- Spanish
- American Sign Language

English

REGULAR HIGH SCHOOL PROGRAM

NUMBER	NAME	GRADE	PREREQ	CREDIT
150101/150102	ENGLISH I	9	NONE	1
150201/150202	ENGLISH II	10	ENGLISH I	1
150301/150302	ENGLISH III	11	ENGLISH II	1
150401/150402	ENGLISH IV	12	ENGLISH III	1

HONORS/AP PROGRAM

NUMBER	NAME	GRADE	PREREQ	CREDIT
150103/150104	HONORS ENGLISH I	9	NONE	1
150203/150204	HONORS ENGLISH II	10	HONORS ENGLISH I	1
150303/150304	AP ENG LANG AND COMP	11	HONORS ENGLISH II	1
150403/150404	AP ENG LIT AND COMP	12	AP ENG LANG AND COMP	1

ENGLISH LANGUAGE ARTS ELECTIVES

NUMBER	NAME	GRADE	PREREQ	CREDIT
150405/150406	CREATIVE WRITING I	10–12	NONE	1
150407/150408	CREATIVE WRITING II	11–12	CREATIVE WRITING I	1

English I

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

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

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.

English IV

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.

Honors 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 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

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)

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)

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.

Please See the English Course Chart for Prerequisite & Grade Requirements.

ENGLISH LANGUAGE ARTS ELECTIVES

Creative Writing I

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.

Creative Writing II

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.

Please See the English Course Chart for Prerequisite & Grade Requirements.

Math

For guidance see course sequence information on the next page

REGULAR HIGH SCHOOL PROGRAM

NUMBER	NAME	GRADE	PREREQ	CREDIT
190101/190102	ALGEBRA I	9–12	NONE	1
190201/190202	GEOMETRY	10–12	ALGEBRA I	1
190301/190302	ALGEBRA II	10–12	GEOMETRY OR CONCURRENT ENROLLMENT	1

HONORS/AP PROGRAM

NUMBER	NAME	GRADE	PREREQ	CREDIT
190103/190104	HONORS GEOMETRY	9	ALGEBRA I	1
190203/190204	HONORS ALGEBRA II	9–12	GEOMETRY OR CONCURRENT ENROLLMENT	1

MATH ELECTIVES

NUMBER	NAME	GRADE	PREREQ	CREDIT
190303/190304	INTERMEDIATE ALGEBRA	11–12	GEOMETRY & APPROVAL	1
190401/190402	PRECALC/TRIG	11–12	ALGEBRA II	1
190403/190404	HONORS PRECALC/TRIG	10–12	ALGEBRA II	1
190405/190406	STATISTICS	11–12	ALGEBRA II	1
190407/190408	AP STATISTICS	11–12	ALGEBRA II	1
190409/190410	AP CALCULUS AB	11–12	PRECALC OR HONORS PRECALC	1
190411/190412	AP CALCULUS BC	11–12	PRECALC OR HONORS PRECALC	1
190413/190414	ADVANCED STUDIES IN MATH I	12	AP CALC AB or BC	1
190415/190416	MATH READY	12	ALGEBRA II & APPROVAL	1

Math Course Sequence Information

REGULAR HIGH SCHOOL PROGRAM

7TH
MATH

8TH
PRE-ALGEBRA

9TH
ALGEBRA I

10TH
GEOMETRY

11TH
ALGEBRA II

12TH
MATH READY
STATISTICS
PRECALCULUS/TRIG

COLLEGE PREP - OPTIONAL SEQUENCE

7TH
MATH

8TH
PRE-ALGEBRA

9TH
ALGEBRA I

10TH
GEOMETRY

11TH
INTERMEDIATE ALGEBRA
(APPROVAL NEEDED)

12TH
ALGEBRA II

HONORS

3 credits of HS Math must be taken in 9-12 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

3 credits of HS Math must be taken in 9-12 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

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

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

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

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

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

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

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

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

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

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.

Please See the Math Course Chart for Prerequisite & Grade Requirements.

AP Calculus AB

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

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

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 (elective credit)

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.

Please See the Math Course Chart for Prerequisite & Grade Requirements.

Science

For guidance see course sequence information on the next page

NUMBER	NAME	GRADE	PREREQ	CREDIT
160101/160102	PHYSICAL SCIENCE	9	NONE	1
160103/160104	HONORS BIOLOGY	9	ALGEBRA I	1
160201/160202	BIOLOGY	10–11	NONE	1
160301/160302	CHEMISTRY	10–12	ALGEBRA I	1
160303/160304	HONORS CHEMISTRY	10–12	ALGEBRA I	1
160305/160306	EARTH & SPACE SCIENCE	11	GEOMETRY OR CONCURRENT ENROLLMENT	1
160401/160402	PHYSICS I	10–12	ALGEBRA II OR CONCURRENT ENROLLMENT	1
160403/160404	AP PHYSICS I	10–12	ALGEBRA II OR CONCURRENT ENROLLMENT	1
160405/160406	AP PHYSICS (C) MECHANICS	11–12	CALCULUS OR CONCURRENT ENROLLMENT	1
160203/160204	AP BIOLOGY	11–12	BIOLOGY & CHEMISTRY	1
160307/160308	AP CHEMISTRY	11–12	CHEMISTRY & ALG II OR CONCURRENT ENROLLMENT	1
160407/160408	ANATOMY AND PHYSIOLOGY	11–12	BIOLOGY	1
160411/160412	AP ENVIRONMENTAL SCIENCE	11–12	BIOLOGY, CHEMISTRY & ALG II OR CONCURRENT ENROLLMENT	1
160413/160414	ZOOLOGY	11–12	BIOLOGY	1
160415	ASTRONOMY I	11–12	GEOMETRY	.5
160417	ASTRONOMY II	11–12	GEOMETRY	.5
160419	METEOROLOGY	11–12	GEOMETRY	.5

Science Course Sequence Information

REGULAR HIGH SCHOOL PROGRAM

9TH
PHYSICAL SCIENCE

10TH
BIOLOGY

11TH
EARTH & SPACE SCIENCE

12TH
ASTRONOMY (I &/OR II)
METEOROLOGY
CAREER TECH COURSES

COLLEGE PREP - NONSCIENCE FOCUS IN COLLEGE

9TH
PHYSICAL SCIENCE
HONORS BIOLOGY

10TH
BIOLOGY
CHEMISTRY
PHYSICS

11TH
EARTH & SPACE SCIENCE
CHEMISTRY
PHYSICS

12TH
ANATOMY & PHYSIOLOGY
CHEMISTRY
PHYSICS I
ZOOLOGY
ASTRONOMY (I &/OR II)
METEOROLOGY

COLLEGE PREP - SCIENCE FOCUS IN COLLEGE

9TH
HONORS BIOLOGY

10TH
CHEMISTRY OR HONORS CHEMISTRY
PHYSICS I

11TH
ANATOMY & PHYSIOLOGY
CHEMISTRY OR HONORS CHEMISTRY
PHYSICS
ZOOLOGY
ASTRONOMY I &/OR II
METEOROLOGY

12TH
ANATOMY & PHYSIOLOGY
CHEMISTRY OR HONORS CHEMISTRY
PHYSICS
ZOOLOGY
ASTRONOMY (I &/OR II)
METEOROLOGY

AP PROGRAM

9TH
HONORS BIOLOGY

10TH
HONORS CHEMISTRY
AP PHYSICS I

11TH
HONORS CHEMISTRY
AP BIOLOGY
AP CHEMISTRY
AP ENVIRONMENTAL SCIENCE
AP PHYSICS I
AP PHYSICS C

12TH
AP BIOLOGY
AP CHEMISTRY
AP ENVIRONMENTAL SCIENCE
AP PHYSICS I
AP PHYSICS C

Physical Science

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

This course is an honors 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

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

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

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

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

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

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.

Please See the Science Course Chart for Prerequisite & Grade Requirements.

AP Physics C

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

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

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

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

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

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

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

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

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.

Please See the Science Course Chart for Prerequisite & Grade Requirements.

Social Studies

REGULAR HIGH SCHOOL PROGRAM

NUMBER	NAME	GRADE	PREREQ	CREDIT
170101	OKLAHOMA HISTORY & GOVERNMENT	9	NONE	.5
170201/170202	WORLD HISTORY	10	NONE	1
170301/170302	US HISTORY SINCE 1878	11	NONE	1
170401/170402	AMERICAN STUDIES	12	NONE	1

HONORS/AP PROGRAM

NUMBER	NAME	GRADE	PREREQ	CREDIT
170103	HONORS OK HISTORY & GOVERNMENT	9	NONE	.5
170203/170204	AP WORLD HISTORY	10	NONE	1
170303/170304	AP US HISTORY	11	NONE	1
170403/170404	AP US GOVERNMENT	12	NONE	1

SOCIAL STUDIES ELECTIVES

NUMBER	NAME	GRADE	PREREQ	CREDIT
170405	INTERNATIONAL STUDIES	9–12	NONE	.5
170407	ETHNIC STUDIES	9–12	NONE	.5
107409/107410	AP HUMAN GEOGRAPHY	9–12	NONE	1
170411	AMERICAN JUSTICE SYSTEM	10–12	NONE	.5
170413/170414	AP EUROPEAN HISTORY	10–12	NONE	1
170415	SOCIOLOGY	10–12	NONE	.5
170417	PSYCHOLOGY	11–12	NONE	.5
170419/170420	AP PSYCHOLOGY	11–12	NONE	1

Oklahoma History & Government

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

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

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

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

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

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.

Please See the Social Studies Course Chart for Prerequisite & Grade Requirements.

American Studies

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

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.

Please See the Social Studies Course Chart for Prerequisite & Grade Requirements.

SOCIAL STUDIES ELECTIVES

International Studies

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.

Ethnic Studies

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.

AP Human Geography

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.

American Justice System

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

SOCIAL STUDIES ELECTIVES

AP European History

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.

Sociology

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.

Psychology

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.

AP Psychology

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.

Please See the Social Studies Course Chart for Prerequisite & Grade Requirements.

Agriculture Education

NUMBER	NAME	GRADE	PREREQ	CREDIT
AG EXPLORATION - CAREERTECH				
140101/140102	INTRO TO AGRISCIENCE	9–10	NONE	1
140103/140104	AGRISCIENCE II	10–12	INTRO TO AG or Teacher Approval	1
ARCHITECTURE, CONSTRUCTION & MANUFACTURING - CAREERTECH				
140101/140102	INTRO TO AGRISCIENCE	9–10	NONE	1
140105/140106	AG POWER I (MECHANICS)	10–12	INTRO TO AG or Teacher Approval	1
140107/140108	AG POWER II (TECHNOLOGY)	11–12	POWER I	1
140109/140110	AG POWER III (STRUCTURES)	12	POWER II	1
COMMUNICATIONS - CAREERTECH				
140101/140102	INTRO TO AGRISCIENCE	9–10	NONE	1
140111/140112	INTRO TO AG COMMUNICATIONS (fine arts credit–college track)	10–12	INTRO TO AG or Teacher Approval	1
140113/140114	AG LEADERSHIP & PERS DEV	11–12	INTRO TO AG COMM	1
ANIMAL SCIENCE - CAREERTECH				
140101/140102	INTRO TO AGRISCIENCE	9–10	NONE	1
140115/140116	INTRO TO ANIMAL SCIENCE	10–12	INTRO TO AG or Teacher Approval	1
140117/140118	LIVESTOCK PRODUCTION	11–12	INTRO TO ANI SCI	1
140119/140120	ADV BIO ANIMAL SCI	12	LIVESTK PROD	1
PLANT SCIENCE - CAREERTECH				
140101/140102	INTRO TO AGRISCIENCE	9–10	NONE	1
140121/140122	INTRO TO HORT	10–12	INTRO TO AG or Teacher Approval	1
140123/140124	LANDSCAPE & NURSERY PRODUCTION	11–12	INTRO TO HORT	1
140125/140126	GREENHOUSE & FLORAL DESIGN	11–12	INTRO TO HORT	1

Intro to Agriscience

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

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.

Power I (Mechanics)

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.

Power II (Technology)

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.

Power III (Structures)

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

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

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.

Please See the Ag Education Course Chart for Prerequisite & Grade Requirements.

Intro to Animal Science

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

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

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

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

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

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.

Please See the Ag Education Course Chart for Prerequisite & Grade Requirements.

The Arts

ART

NUMBER	NAME	GRADE	PREREQ	CREDIT
120101	ART APPRECIATION I	9–12	NONE	.5
120103	HUMANITIES (MHS & SHS)	9–12	NONE	.5
120107	DIGITAL ART	9–12	NONE	.5

2D ART

NUMBER	NAME	GRADE	PREREQ	CREDIT
120111	2D STUDIO ART I	9–12	NONE	.5
120113/120114	2D STUDIO ART II	9*–12	2D STUDIO ART I OR DIGITAL ART OR 9–12 GRADE WITH PORTFOLIO-BASED TEACHER APPROVAL	1
120115/120116	HONORS 2D STUDIO ART III	10*–12	2D STUDIO ART II	1
120117/120118	AP 2D STUDIO ART	10*–12	2D STUDIO ART III OR 10–12 GRADE WITH 2D STUDIO ART II AND PORTFOLIO-BASED TEACHER APPROVAL	1
120119/120120	ART III (VISTA ONLY)	11–12	2D STUDIO ART II	1
120121/120122	ART IV (VISTA ONLY)	11–12	2D STUDIO ART III	1

*ALL PREREQUISITE REQUIREMENTS MUST BE MET REGARDLESS OF GRADE LEVEL

3D ART

NUMBER	NAME	GRADE	PREREQ	CREDIT
120131	3D STUDIO ART I	9–12	NONE	.5
120133/120134	3D STUDIO ART II	9*–12	3D STUDIO ART I OR 9–12 GRADE WITH PORTFOLIO-BASED TEACHER APPROVAL	1
120135/120136	HONORS 3D STUDIO ART III	10*–12	3D STUDIO ART II	1
120137/120138	AP 3D STUDIO ART	10*–12	3D STUDIO ART III OR 10–12 GRADE WITH 3D STUDIO ART II AND PORTFOLIO-BASED TEACHER APPROVAL	1

*ALL PREREQUISITE REQUIREMENTS MUST BE MET REGARDLESS OF GRADE LEVEL

The Arts

DRAMA/THEATRE

NUMBER	NAME	GRADE	PREREQ	CREDIT
120201	DRAMA I (INTRO TO THEATRE)	9–12	NONE	.5
120203/120204	DRAMA II (THEATRE ARTS) (may be repeated for credit)	9–12	NONE	1
120205/120206	DRAMA (ADV THEATRE) (may be repeated for credit)	10–12	DRAMA (THEATRE ARTS) OR APPROVAL	1
120207/120208	DRAMA (REPERTORY THEATRE) (may be repeated for credit)	10*–12	10TH*GRADE MUST HAVE TEACHER APPROVAL	1
120209/120210	TECHNICAL THEATRE AND DESIGN (may be repeated for credit)	9–12	TEACHER APPROVAL	1
120401/120402	COMPETITIVE ACTING I	9–12	NONE	.5
120403/120404	COMPETITIVE ACTING II	10–12	COMPETITIVE ACTING I OR APPROVAL	.5
120405/120406	ADV COMPETITIVE ACTING (may be repeated for credit)	10–12	COMPETITIVE ACTING II OR APPROVAL	.5

*ALL PREREQUISITE REQUIREMENTS MUST BE MET REGARDLESS OF GRADE LEVEL

FINE ARTS FOR COLLEGE TRACK ONLY

NUMBER	NAME	GRADE	PREREQ	CREDIT
120301	MOCK TRIAL S1 (may be repeated for credit)	9–12	NONE	.5
120302	MOCK TRIAL S2 (may be repeated for credit)	9–12	NONE	.5
120303/120304	COMPETITIVE DEBATE I	9–12	NONE	.5
120305	COMPETITIVE DEBATE II S1 (may be repeated for credit)	10–12	COMPETITIVE DEBATE I	.5
120306	COMPETITIVE DEBATE II S2 (may be repeated for credit)	10–12	COMPETITIVE DEBATE II S1	.5
120307/120308	ADV COMPETITIVE DEBATE (may be repeated for credit)	10–12	COMPETITIVE DEBATE II OR APPROVAL	1
120407/120408	INTRO TO AG COMMUNICATIONS CTE	10–12	INTRO TO AG	1

ART

Art Appreciation

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

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

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.

2D Studio Art I

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

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.

ART

Honors Studio Art

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

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.

Art III (VISTA Only)

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)

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.

Please See The Arts Course Chart for Prerequisite & Grade Requirements.

ART

3D Studio Art I

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

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

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

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.

DRAMA

Drama (Intro to Theatre)

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 (Theatre Arts)

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)

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.

Please See The Arts Course Chart for Prerequisite & Grade Requirements.

DRAMA

Drama (Repertory Theatre)

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)

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.

SPEECH

(FINE ARTS FOR COLLEGE TRACK ONLY)

Mock Trial

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.

DRAMA

Competitive Acting I

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

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

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.

Please See The Arts Course Chart for Prerequisite & Grade Requirements.

DEBATE

(FINE ARTS FOR COLLEGE TRACK ONLY)

Competitive Debate I

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

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 I & II

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.

COMMUNICATIONS

(FINE ARTS FOR COLLEGE TRACK ONLY)

Introduction to Ag Communications

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.

Please See The Arts Course Chart for Prerequisite & Grade Requirements.

The Arts

MUSIC

NUMBER	NAME	GRADE	PREREQ	CREDIT
120501	MUSIC APPRECIATION	9–12	NONE	.5
120503/120504	AP MUSIC THEORY	10–12	BAND OR CHOIR OR ADVANCED PIANO	1
120505/120506	FRESHMAN BAND	9	PERFORMANCE	1
120507/120508	BAND	9–12	PERFORMANCE	1
120509/120510	JAZZ ENSEMBLE (may be repeated for credit)	9–12	AUDITION	1
120511/120512	ADV JAZZ ENSEMBLE (SHS)	10–12	AUDITION	1
120601/120602	MUSICAL PRODUCTION (SHS ONLY) (may be repeated for credit)	10–12	AUDITION & APPROVAL	1
120603/120604	CONCERT CHOIR (MHS & SHS) (may be repeated for credit)	9–12	NONE	1
120605/120606	FRESHMAN CHOIR (SHS & WHS)	9	NONE	1
120607/120608	CHAMBER CHOIR (may be repeated for credit)	10–12	AUDITION & APPROVAL	1
120609/120610	TREBLE CHORALE (may be repeated for credit)	9–12 10–12 @ WHS	AUDITION & APPROVAL	1
120211/120212	SHOW CHOIR (MHS ONLY)	10–12	AUDITION & APPROVAL	1
120213/120214	VOCAL JAZZ ENSEMBLE (SHS ONLY)	10–12	AUDITION & APPROVAL	1
120215	PIANO I (WHS ONLY)	9–12	APPROVAL	.5 OR 1
120217	PIANO II (WHS ONLY)	9–12	APPROVAL	.5 OR 1

MUSIC

Music Appreciation

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.

AP Music Theory

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.

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

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.

Applied Music:
Jazz Ensemble & Advanced Jazz Ensemble

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.

MUSIC

Concert Choir

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

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.

Treble Chorale

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

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.

Vocal Jazz Ensemble

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.

Please See The Arts Music Course Chart for Prerequisite & Grade Requirements.

Business & Marketing

BUSINESS & MARKETING - CAREERTECH

NUMBER	NAME	GRADE	PREREQ	CREDIT
140307/140308	BUSINESS OWNERSHIP BASICS	9–12	NONE	1
140309/140310	BUSINESS OWNERSHIP I	10–12	BUSINESS OWNERSHIP BASICS OR 11TH GRADE & APPROVAL	1
140311/140312	BUSINESS OWNERSHIP II	11–12	BUSINESS OWNERSHIP I	1

Business Ownership Basics

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.

Business Ownership I

This course introduces students to the concept of entrepreneurship (business ownership). Students acquire knowledge of the nature and scope of entrepreneurship. Students will explore the relationship between entrepreneurship, business and marketing skills, creative instincts, self-esteem/discipline and independence. Career opportunities and preemployment skills required for success in business, marketing, and management will be introduced.

Business Ownership II

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

Please See Marketing & Business Course Chart for Prerequisite & Grade Requirements.

Co-Curricular

NUMBER	NAME	GRADE	PREREQ	CREDIT
140301	PERSONAL FINANCIAL LITERACY	9–12	NONE	.5
110201	HEALTH	9–12	NONE	.5
110203/110204	ACT, SAT, PSAT/ NMQTT PREP	10–12	ENGLISH II & GEOMETRY	.5
110205/110206	LIBRARY SCIENCE	10–12	APPROVAL	.5
110207	CAREERS	11–12	NONE	.5
140507	INTERNSHIP – Seniors Only	12	APPLICATION & APPROVAL (SEE CAREER SPECIALIST PRIOR TO ENROLLING)	.5 OR 1

LEADERSHIP

NUMBER	NAME	GRADE	PREREQ	CREDIT
110301	FUND OF LEADERSHIP	9–12	NONE	.5
110303/110304	LEADERSHIP (may be repeated for credit)	9–12	ELECTED OR APPOINTED	1
110305/110306	LINK CREW LEADERSHIP (may be repeated for credit)	11–12	APPROVAL	1

Personal Financial Literacy

This course is intended to inform students how individual choices directly influence occupational goals and future earning potential. The 14 areas of instruction designated in the Passport of Financial Literacy Act of 2007 provide students with the basic skills and knowledge needed to effectively manage their personal finances. Basic economic concepts of scarcity, choice, opportunity cost, and cost/benefit analysis are interwoven throughout the standards and objectives. This systematic way of making personal financial decisions will provide students a foundational understanding for making informed and successful personal financial decisions.

*All students are required to pass this course and successfully complete all 14 modules for high school graduation.

Health

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.

ACT, SAT, PSAT/NMQT Prep.

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.

Library Science

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.

Careers

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

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.

Fundamentals of Leadership

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.

Link Crew/FUSE Leadership

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.

Leadership

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.

Please See the Co-curricular Course Chart for Prerequisite & Grade Requirements.

Computers

BITE (Information Technology)

***All courses in this catagory are Computer Credit unless notated otherwise**

NUMBER	NAME	GRADE	PREREQ	CREDIT
4440223/4440224	TECH NOW I	9–12	Please See Description	1
4440225/4440226	TECH NOW II	10–12	TECH NOW I	1

NETWORKING (COMPUTER REPAIR) - CAREERTECH

140205/140206	FUNDAMENTALS OF TECH	9–12	NONE (CAN'T TAKE IF YOU'VE HAD 140207/8)	1
140213/140214	TECH CREW (REPAIR I)	10–12	FUND OF TECH or FUND OF TECH DDP *Students cannot take this course if they are accepted in to the MNTC Cyber Defense or Cloud and Virtual Network Administration Programs.	1
140215/140216	TECH CREW (REPAIR II)	11–12	INTRO TO TECH CREW, Dell Cert & APPROVAL *Students cannot take this course if they are accepted in to the MNTC Cyber Defense or Cloud and Virtual Network Administration Programs.	1

PUBLICATIONS & BROADCASTING - CAREERTECH

***Yearbook and Newspaper are Primary Publications in this Pathway**

140207/140208	FUNDAMENTALS OF TECH DDP	9–12	NONE (CAN'T TAKE IF YOU'VE HAD 140205/6)	1
140203/140204	DESKTOP PUBLISHING & GRAPHIC DESIGN DDP	10–12	FUND OF TECH DDP or FUND OF TECH & APPROVAL (CAN'T TAKE IF YOU'VE HAD 140201/2) *Students cannot take this course if they are accepted in to the MNTC Graphic Design Program.	1
140211/140212	DIGITAL MEDIA PRODUCTION DDP (formerly Multimedia DDP)	11–12	DESKTOP DDP or DESKTOP & APPROVAL or MULTIMEDIA & APPROVAL	1
140241/140242	LAYOUT DESIGN TECHNIQUES DDP (NOT COMPUTER CREDIT)	12	DIGITAL MEDIA PRODUCTION DDP or MULTIMEDIA DDP or MULTIMEDIA & APPROVAL	1
140219	PHOTOGRAPHY (NOT FA – NOT COMPUTER CREDIT)	9–12	NONE	.5 OR 1

WEB & DIGITAL COMMUNICATIONS - CAREERTECH

140205/140206	FUNDAMENTALS OF TECH	9–12	NONE (CAN'T TAKE IF YOU'VE HAD 140207/8)	1
140201/140202	DESKTOP PUBLISHING & GRAPHIC DESIGN	10–12	FUND OF TECH OR FUND OF TECH DDP (CAN'T TAKE IF YOU'VE HAD 140203/4) *Students cannot take this course if they are accepted in to the MNTC Graphic Design Program.	1
140209/140210	MULTIMEDIA & IMAGE MANAGEMENT TECHNIQUES	11–12	DESKTOP PUBLISHING & GRAPHIC DESIGN or DESKTOP PUBLISHING & GRAPHIC DESIGN DDP *Students cannot take this course if they are accepted in to the MNTC Graphic Design or Digital Cinema and TV Production Programs.	1

Computers

STEM (Technology & Engineering)

***All courses in this catagory are Computer Credit unless notated otherwise**

PROGRAMMING, CYBERSECURITY, & ENGINEERING- CAREERTECH

NUMBER	NAME	GRADE	PREREQ	CREDIT
140223/140224	PLTW HONORS COMP SCI ESSENTIALS	9–12	ALGEBRA I	1
140225/140226	PTLW AP COMP SCI PRINCPLES	10–12	HONORS COMP SCI ESSENTIALS	1
140227/140228	PLTW AP COMP SCI A	11–12	AP COMP SCI PRINCIPLES	1

AIRCRAFT MAINTENANCE- CAREERTECH

NUMBER	NAME	GRADE	PREREQ	CREDIT
140520/140521	AIRCRAFT I (NOT COMPUTER CREDIT)	9–12	NONE	1
140522/140523	AIRCRAFT II	10–12	AIRCRAFT I	1
140524/140525	AIRCRAFT III	11–12	AIRCRAFT II	1
140526/140527	AIRCRAFT IV (NOT COMPUTER CREDIT)	12	AIRCRAFT III	1

AVIATION- CAREERTECH

NUMBER	NAME	GRADE	PREREQ	CREDIT
140529/140530	AVIATION I (NOT COMPUTER CREDIT)	9–10	NONE	1
140531/140532	AVIATION II	10–12	AVIATION I OR 11TH GRADE & APPROVAL	1
140533/140534	AVIATION III	11–12	AVIATION II	1
140535/140536	AVIATION IV (NOT COMPUTER CREDIT)	12	AVIATION III	1

COMPUTERS

Tech Now I

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

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.

Fundamentals of Technology

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.

Intro to Tech Crew (Computer Repair I)

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)

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.

COMPUTERS

Fundamentals of Technology DDP

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 is a part of the and Web and Digital Communications Information Technology Pathway with focus on the Digital Design and Publishing State Program Area. This course leads directly in to Desktop Pub & Graphic Design DDP.

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

Desktop Publishing & Graphic Design DDP

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 and Web and Digital Communications Information Technology Pathway with focus on the Digital Design and Publishing State Program Area. This course leads directly in to Digital Media Production DDP. Additional work will be required as deadlines approach. This work time can be logged 2-3 hours a week either at lunch or after school. *Fee required.

*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.

Digital Media Production DDP

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. *Fee required.

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

Layout Design Techniques DDP

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. *Fee required.

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

Please See the Computers Course Chart for Prerequisite & Grade Requirements.

COMPUTERS

Photography
(not Fine Arts/Not Computer Credit)

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.

Desktop Publishing & Graphic Design

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.

Multimedia & Image Management Techniques

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.

COMPUTERS

Computer Science Essentials (PLTW)

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 (PLTW)

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 (PLTW)

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.

Please See the Computers Course Chart for Prerequisite & Grade Requirements.

COMPUTERS

Aircraft I
(Not Computer Credit)
Regulations & Ground Operations

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
Applied Science of Aircraft Maintenance

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
Basic Electricity

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
(Not Computer Credit)
Aircraft Materials & Corrosion Control

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.

COMPUTERS

Aviation I
(Not Computer Credit)

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

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

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
(Not Computer Credit)

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.

Please See the Computers Course Chart for Prerequisite & Grade Requirements.

Family & Consumer Sciences

FAMILY & CONSUMER SCIENCES is suggested as the 1st course of all FCS pathways. These are CAREERTECH courses.

NUMBER	NAME	GRADE	PREREQ	CREDIT
140401/140402	FAMILY & CONSUMER SCIENCES	9–12	NONE	1

CULINARY/HOSPITALITY & TOURISM - CAREERTECH

140405/140406	CULINARY BASICS	10–12	NONE	1

FASHION/VISUAL ARTS - CAREERTECH

140407/140408	FASHION & APPAREL DESIGN	10–12	NONE	1

HUMAN SERVICES - CAREERTECH

140409/140410	HUMAN GROWTH & DEVELOPMENT	9–12	NONE	1

INTERIOR DESIGN/VISUAL ARTS - CAREERTECH

140411/140412	HOUSING & INTERIOR DESIGN	10–12	NONE	1

Family & Consumer Sciences

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.

Human Growth and Development

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.

Fashion & Apparel Design

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.

Housing & Interior Design

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.

Culinary Basics

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.

Physical Education & Athletics

ALL MAY BE REPEATED FOR CREDIT

PHYSICAL EDUCATION & WEIGHTLIFTING

NUMBER	NAME	GRADE	PREREQ	CREDIT
110401/110402	PHYSICAL EDUCATION (PE)	9–12	NONE	.5 OR 1
110403/110404	GIRLS PE & FITNESS	9–12	NONE	.5 OR 1
110405/110406	WEIGHTLIFTING	9–12	NONE	.5 OR 1
110407/110408	ADV WEIGHTLIFTING	9–12	NONE	.5 OR 1
110409/110410	ATHLETIC TRAINER 6TH HR	9–12	APPROVAL	.5 OR 1

SPORTS

NUMBER	NAME	GRADE	PREREQ	CREDIT
110101/110102	BASEBALL	9–12	APPROVAL	.5 OR 1
110103/110104	BOYS BASKETBALL	9–12	APPROVAL	.5 OR 1
110105/110106	9TH GRADE BOYS BASKETBALL	9	APPROVAL	.5 OR 1
110107/110108	GIRLS BASKETBALL	9–12	APPROVAL	.5 OR 1
110109/110110	CHEER	9–12	APPROVAL	.5 OR 1
110111/110112	BOYS GOLF	9–12	APPROVAL	.5 OR 1
110113/110114	GIRLS GOLF	9–12	APPROVAL	.5 OR 1
110115/110116	FOOTBALL	9–12	APPROVAL	.5 OR 1
110117/110118	FRESHMAN FOOTBALL	9	APPROVAL	.5 OR 1
110119/110120	POM	9–12	APPROVAL	.5 OR 1
110121/110122	BOYS SOCCER	9–12	APPROVAL	.5 OR 1
110123/110124	GIRLS SOCCER	9–12	APPROVAL	.5 OR 1
110125	BOYS X-COUNTRY (S1)	9–12	APPROVAL	.5
110127	GIRLS X-COUNTRY (S1)	9–12	APPROVAL	.5
110129	GIRLS FASTPITCH SOFTBALL (S1)	9–12	APPROVAL	.5
110130	GIRLS SLOWPITCH SOFTBALL (S2)	9–12	APPROVAL	.5
110131/110132	BOYS TENNIS	9–12	APPROVAL	.5 OR 1
110133/110134	GIRLS TENNIS	9–12	APPROVAL	.5 OR 1
110135/110136	BOYS TRACK	9–12	APPROVAL	.5 OR 1
110137/110138	GIRLS TRACK	9–12	APPROVAL	.5 OR 1
110139/110140	VOLLEYBALL	9–12	APPROVAL	.5 OR 1
110141/110142	GIRLS WRESTLING	9–12	APPROVAL	.5 OR 1
110143/110144	WRESTLING	9–12	APPROVAL	.5 OR 1
110145/110146	COMPETITIVE SWIMMING	9–12	APPROVAL	.5 OR 1
	COMPETITIVE GYMNASTICS	9–12	APPROVAL	.5 OR 1

Competitive Athletics

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

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

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.

Physical Education

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

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.

Please See the Athletics Course Chart for Prerequisite & Grade Requirements.

World Languages

AMERICAN SIGN LANGUAGE

NUMBER	NAME	GRADE	PREREQ	CREDIT
130101/130102	AMERICAN SIGN LANG I	10–12	NONE	1
130103/130104	AMERICAN SIGN LANG II	11–12	AMERICAN SIGN LANG I	1

LATIN

NUMBER	NAME	GRADE	PREREQ	CREDIT
130301/130302	LATIN I	9–12	NONE	1
130303/130304	LATIN II	10–12	LATIN I	1
130305/130306	HONORS LATIN III	11–12	LATIN II	1
130307/130308	AP LATIN IV	12	LATIN III	1

FRENCH

NUMBER	NAME	GRADE	PREREQ	CREDIT
130201/130202	FRENCH I	9–12	NONE	1
130203/130204	FRENCH II	9–12	FRENCH I	1
130205/130206	HONORS FRENCH III	10–12	FRENCH II	1
130207/130208	AP FRENCH LANG & CULTURE IV	11–12	FRENCH III	1
130209/130210	AP FRENCH LANG & CULTURE V	12	AP FRENCH IV	1

SPANISH

NUMBER	NAME	GRADE	PREREQ	CREDIT
130401/130402	SPANISH I	9–12	NONE	1
130405/130406	SPANISH II	9–12	SPANISH I	1
130409/130410	HONORS SPANISH III	10–12	SPANISH II	1
130411/130412	AP SPANISH LANGUAGE (SPANISH IV)	11–12	SPANISH III	1
130413/130414	AP SPANISH LANGUAGE (SPANISH V)	11–12	SPANISH IV	1
130415/130416	AP SPANISH LIT & CULTURE	11–12	SPANISH III	1
130403/130404	SPANISH I HERITAGE SPEAKERS (see counselor)	9–12	NONE	1
130407/130408	SPANISH II HERITAGE SPEAKERS (see counselor)	9–12	SPANISH I HERITAGE SPEAKERS	1

AMERICAN SIGN LANGUAGE

American Sign Language I

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

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

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

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

Latin III

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

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

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

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

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)

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.

Please See the World Languages Course Chart for Prerequisite & Grade Requirements.

SPANISH

Spanish I

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

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

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)

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)

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

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

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

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.

Please See the World Languages Course Chart for Prerequisite & Grade Requirements.

MVA - CORE

ENGLISH

NUMBER	NAME	GRADE	PREREQ	CREDIT
625011	ENGLISH I	9	APPROVAL	1
625021	ENGLISH II	10	APPROVAL	1
625031	ENGLISH III	11	APPROVAL	1
625041	ENGLISH IV	12	APPROVAL	1

MATH (for guidance see course sequence information)

629011	ALGEBRA I	9–12	APPROVAL	1
629102	GEOMETRY	10–12	APPROVAL	1
629111	ALGEBRA II	10–12	APPROVAL	1
629300	PRE–CALCULUS	11–12	APPROVAL	1
629504	INTERMEDIATE ALGEBRA	11–12	APPROVAL	1
629501	FINANCIAL MATH	APPROVAL	APPROVAL	1
629508	STATISTICS	11–12	APPROVAL	1

SCIENCE (for guidance see course sequence information)

6216007	PHYSICAL SCIENCE	9	APPROVAL	1
6216201	BIOLOGY	10–11	APPROVAL	1
6216101	CHEMISTRY	10–12	APPROVAL	1
6216105	PHYSICS	10–12	APPROVAL	1
6216302	ENVIRONMENTAL SCIENCE	11–12	APPROVAL	1
6216300	EARTH SCIENCE	11–12	APPROVAL	1

SOCIAL STUDIES

6170101	OKLAHOMA HISTORY AND GOVT	9	APPROVAL	.5
6217012	WORLD HISTORY	10	APPROVAL	1
6217031	UNITED STATES HISTORY	11	APPROVAL	1
6217121	AMERICAN STUDIES	12	APPROVAL	1

MVA - ELECTIVES

SOCIAL STUDIES ELECTIVES

NUMBER	NAME	GRADE	PREREQ	CREDIT
6217140	HUMAN GEOGRAPHY	9–12	APPROVAL	1
6217144	SOCIOLOGY	10–12	APPROVAL	.5
6217143	PSYCHOLOGY	11–12	APPROVAL	1

THE ARTS

NUMBER	NAME	GRADE	PREREQ	CREDIT
620113/620114	INTO TO ART I	9–12	APPROVAL	1
621079	ART HISTORY I	9–12	APPROVAL	1
6224155	INTRODUCTION TO COMMUNICATIONS & SPEECH	9–12	APPROVAL	1
6120501	MUSIC APPRECIATION I	9–12	APPROVAL	.5

COMPUTERS

NUMBER	NAME	GRADE	PREREQ	CREDIT
624026	INTRO TO COMPUTER SCIENCE	9–12	APPROVAL	1
624021	COMPUTER APPLICATIONS: OFFICE 2016	9–12	APPROVAL	1
624024	COMPUTER SCIENCE	9–12	APPROVAL	1

WORLD LANGUAGES

NUMBER	NAME	GRADE	PREREQ	CREDIT
626031	SPANISH I	9–12	APPROVAL	1
626032	SPANISH II	10–12	APPROVAL	1

OTHER

NUMBER	NAME	PREREQ	CREDIT
6217200	PERSONAL FINANCIAL LITERACY	APPROVAL	.5
629532	CONCEPTS IN PROBABILITY & STATS	APPROVAL	1
629530	MATHEMATICAL MODELS WITH APPS	APPROVAL	1
610201/610202	HEALTH	APPROVAL	.5
610209/610210	FOUNDATIONS OF PERSONAL WELLNESS	APPROVAL	1
6221073	LITERACY & COMPREHENSION I	APPROVAL	1
6221075	LITERACY & COMPREHENSION II	APPROVAL	1
6221077	EXPOSITORY READING AND WRITING	APPROVAL	1

MVA CORE

ENGLISH
MATH
SCIENCE
SOCIAL STUDIES

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

MVA ELECTIVES

SOCIAL STUDIES ELECTIVES

Human Geography

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

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

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.

MVA ELECTIVES

THE ARTS

Introduction to Art

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

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 Communications and Speech

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.

Please See the MVA Course Chart for Prerequisite & Grade Requirements.

MVA ELECTIVES
COMPUTERS

These Computer Courses are stand alone courses and are not a part of the On-Campus Career Tech Computer Pathways

Introduction to Computer Science

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

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

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
WORLD LANGUAGES

Spanish I

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

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.

Please See the MVA Course Chart for Prerequisite & Grade Requirements.

MVA ELECTIVES
OTHER

Personal Financial Literacy

This course is intended to inform students how individual choices directly influence occupational goals and future earning potential. The 14 areas of instruction designated in the Passport of Financial Literacy Act of 2007 provide students with the basic skills and knowledge needed to effectively manage their personal finances. Basic economic concepts of scarcity, choice, opportunity cost, and cost/benefit analysis are interwoven throughout the standards and objectives. This systematic way of making personal financial decisions will provide students a foundational understanding for making informed and successful personal financial decisions.

*All students are required to pass this course and successfully complete all 14 modules for high school graduation.

Concepts in Probability & Statistics

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

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
OTHER

Health

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

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.

Please See the MVA Course Chart for Prerequisite & Grade Requirements.

MVA ELECTIVES
OTHER

Literacy & Comprehension I

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

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

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.

Please See the MVA Course Chart for Prerequisite & Grade Requirements.

High School

24-25