

CORE COURSE CHOICES

A complete Course Catalog with more detailed descriptions is available on the Eureka High School website.

ENGLISH

FRESHMAN ENGLISH CP

Based on the Common Core State Standards, this comprehensive language arts course explores reading, writing, listening and speaking. Texts include short stories, poetry, and nonfiction selections from the textbook, in addition to longer works of fiction such as *Romeo and Juliet* and *Of Mice and Men*. During the school year, students contribute samples of writing to their portfolios.

FRESHMAN SEMINAR OR AVID 9

FRESHMAN SEMINAR

This class is designed to ensure that all freshman have a successful transition from middle school to high school. The class will include development in academic skills, academic support, technology skills, and five-year planning. Additionally, the class will meet the state health education requirement.

AVID 9 (*Criteria-based application required*)

AVID is an academic, regularly-scheduled elective program based on writing as a tool of learning, inquiry method, and collaborative grouping. The goal of AVID is to educate the "whole student." Note-taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness are stressed. Additionally, AVID 9 will meet the state health education requirement.

MATH

9th grade placement is based on 8th grade teacher recommendation, current math grades, EHS placement test score.

ESSENTIALS OF ALGEBRA

Essentials of Algebra is a course which targets foundational pre-algebra skills and introduces key algebra standards to prepare students for success in an Algebra 1A course. Daily homework is to be expected. Completion of course does NOT satisfy graduation requirement for Algebra 1.

COMMON CORE ALGEBRA 1A

Algebra 1A is the first course in a two-year sequence that covers the entire scope and sequence of Common Core Algebra 1 CP. The curriculum includes concepts and methods which allow students to represent situations which involve variable quantities with expressions, equations, and inequalities. Daily homework is expected. Students receive Algebra 1 credit upon completion of Algebra 1B.

COMMON CORE ALGEBRA I CP

Algebra I CP is the first course in the college preparatory sequence. The curriculum includes concepts and methods which allow students to represent situations which involve variable quantities with expressions, equations, and inequalities. Daily homework is expected.

MATH 9 ALG 1/GEOM A CP

Prerequisites: Must have a grade of "B" or better in 8th grade math, 8th grade teacher recommendation and EHS placement test score.

This course is the first of a two-year sequence that will allow incoming 9th graders the opportunity to take AP Calculus in their 12th grade year. During the course of the year, students will complete the entire Algebra I Common Core CP course and at least half of the geometry Common Core CP course.

PE

PE 1

This course is designed to further develop individual and dual sport motor skills and the health-related components of fitness. Rules, regulations, game strategy, and safety are emphasized for each unit and activity. The freshman year in Physical Education is designed to facilitate the students' transition to a high school physical education program, which includes both academic and fitness components. 9th grade students who do not pass the FitnessGram are required to take a year of PE 2 in the 10th grade year.

SCIENCE

BIOLOGY CP

Prerequisites: Concurrently enrolled in Algebra 1 or higher.
This course is fully aligned with the Next Generation Science Standards (NGSS) to include biological science content, science and engineering practices. Students will develop an understanding of the process involved in scientific inquiry through hands-on experiments and the creation and development of a lab-based curriculum.

BIOLOGY/SUSTAINABLE AGRICULTURE CP

Prerequisites: Concurrently enrolled in Algebra 1 or higher.
This course is fully aligned with the Next Generation Science Standards (NGSS) to include biological science content, and science and engineering practices. Students will develop an understanding of the processes involved in scientific inquiry through hands-on experiments and the creation and development of a lab-based curriculum.

GEO SCIENCE CP

Prerequisites: Concurrently enrolled in Algebra 1A or higher.
This course involves an in-depth study of geology with a strong emphasis on local geologic history and tectonic setting. Other areas of study include astronomy, meteorology and oceanography. This college prep course focuses on (1) development of problem-solving skills applying the logic and principles of the earth sciences, and (2) developing skills in devising and using models and maps.

WORLD LANGUAGE

SPANISH 1CP

The skills of speaking, listening, reading, and writing are emphasized concurrently. Students practice these skills by means of oral, written, and listening comprehension, exercises, and activities. The class will be primarily conducted in Spanish.

SPANISH II CP

Prerequisites: C" or better in Spanish I or teacher approval.
Students continue to develop the four skills learned in Spanish I. Longer reading selections will be presented and more Spanish will be used in the classroom by both teacher and students.

GERMAN I CP

The skills of speaking, listening, reading, and writing are emphasized concurrently. Students practice these skills by means of oral, written, and listening comprehension exercises and activities. Students are expected to use German as much as possible. The class will be primarily conducted in German.

YUOK I CP

This course provides students with opportunities to communicate effectively in the language and to appreciate the local Native American culture. As this language culture has only recently developed writing systems (since the 1980s), a special emphasis will be placed on oral communication as is appropriate in the cultural context.

ELECTIVE CHOICES

AG MECHANICS

This course is designed to stimulate interest, increase knowledge, and develop hands-on skills. Beginning machine shop students will utilize welders, layout and hand tools as well as various measurement techniques. Basic welding and welding systems techniques are introduced and practiced. This class also provides basic skills needed for career training in modern agriculture.

ARCHITECTURAL DESIGN CP

Through the use of computer technology, students will learn the fundamentals of residential home design. Students will gain a historic, as well as a modern, perspective of design characteristics that go into designing a well-thought-out home. This course meets the "F" requirement in the A-G series.

GUITAR CP

Students are provided an instrument.

This semester course is available to all students who are interested in learning to play a guitar. They will learn musical notation and how to play the guitar using simple notes and chords.

CHOIR I CP

Choir is a beginning vocal class and accepts all students who wish to sing (no audition required). Students will learn basic vocal productions and music fundamentals including scales, tonal memory, and part singing.

DIGITAL PHOTOGRAPHY CP

This course provides students an opportunity to become proficient in the technical, commercial and aesthetic aspects of Digital Photography. This is a project-based class where students will gain experience using important graphic design computer programs such as Adobe Photoshop, Illustrator and Dreamweaver to create a digital portfolio of their artwork.

DRAWING AND PAINTING 1 CP

This is a beginning-level course in drawing and painting. Projects will include the use of various drawing and painting media such as graphite pencil, colored pencil, oil pastel, pen and ink, watercolor and tempera paint.

ENGINEERING 1 CP

This course will provide you with career skills in design thinking. Students will learn user-driven design concepts, beginning with methods of design and problem-solving. Students will work individually as well as collaboratively on a range of projects, from reverse engineering to creative design work. Students will learn to use various fabrication tools including hand tools, soldering tools, laser engravers, vinyl cutters, 3D printers, and the thermal press.

EXPLORING COMPUTER SCIENCE

This year long course consists of six units, designed to introduce all students, regardless of grade, to the wide range of topics within the computer science discipline. Assignments and instruction are interactive, socially relevant and meaningful. This is a perfect course for entry to the Information Technology Pathway.

JAZZ ENSEMBLE CP

Prerequisite: Audition and/or Director's consent.

Jazz Ensemble is a select performing group that focuses on the "American" art form called jazz. The course focuses on theory, technique, and improvisation.

JEWELRY METALS CP

This course provides students with an opportunity to gain skills working with a variety of metal fabricating materials, tools, techniques, equipment and processes. Display and marketing skills are also introduced and explored.

ORCHESTRA CP

Prerequisites: Audition and/or Director's consent.

This course will include exposure to a wide variety of orchestral literature designed for further advancement of students' musical development and enjoyment. Students will increase their knowledge of music theory and history through literature and practice.

POTTERY 1 CP

This course offers students an opportunity to learn the basic skills needed to produce handmade ceramic art and pottery.

SYMPHONIC BAND CP

Prerequisites: Audition and/or Director's consent.

This course will include exposure to a wide variety of styles of band literature for the advancement of students' musical development. An emphasis will be placed on developing technical proficiency and the performance aspect of music.

THEATER ARTS 2 CP

This intermediate drama class builds on the basic performance skills and intensifies acting, improvisation, production values, and script writing and analysis.

WOODWORKING 1

Students will receive instruction in shop drawing, measuring, safety, and the proper use of hand and power tools. A series of small projects of increasing complexity will be constructed.

Introduction to Graphic Design CP

Graphic Design introduces and emphasizes the development of professional design skills in visual communications and graphic design. The course is project-based learning and is a rigorous framework of reading, writing, class discussions, and design exercises. The course objective is to enable unique and effective critical problem-solving skills to organize students for an entry-level career or for more advanced studies in graphic communications.