

English

English 1 (Freshman)

English 1 is a ninth grade course focusing on improving reading comprehension skills and critical thinking processes. A broad range of writing skills are introduced and perfected, ranging from expository to creative writing styles. A selection of novels, as well as poetry, and short stories provide students with exposure to the works of great writers, from Shakespeare to Poe and Hinton to Steinbeck.

English 2(Sophomore)

English 2 is a continuing composition and literature class. Writing skills are expanded and literature is genre based, the novel, plays, short stories, poetry, and the essay.

English 3(Junior)

English 3 is an American literature and composition course. A variety of writing experiences offered include descriptive, narrative, journal writing, and literary analysis. Writing processes are explored from the outline through the final draft. Vocabulary development in both the spoken and written word becomes a major focal point at this level.

English 4 (Senior)

Senior English is a rigorous course focusing on research projects, composition, literature, college entrance exams, and college level vocabulary. Students write analytical, comparative, and research essays.

Creative Writing

Creative Writing is a course specifically designed for students interested in further developing their creative writing skills. Students will analyze literary works and emulate the elements of those works in their own creative writing. Rewriting of great works with their own personal ideas and twists, gives students a unique perspective of the author's intent. The mechanics of writing is also

reviewed and correctness of manuscripts is required.

Foreign Language

Spanish 1

Spanish 1 emphasizes developing the basic language skills of listening, speaking, reading, and writing to provide students with a sound background for learning the Spanish language.

Spanish 2

Students continue to build on the vocabulary and knowledge learned in Spanish 1 with more emphasis on grammatical concepts.

Mathematics

Pre Algebra

Pre Algebra prepares students for Algebra 1, the first course in the college prep math series. Emphasis is on computational skills and applying these skills to Algebra. Students solve simple equations and learn to graph linear equations.

Algebra 1

Algebra 1 teaches students to solve equations of increasing complexity, graphing equations, ratios, proportions, radicals, and exponents. Successful completion of Algebra 1 is a graduation requirement.

Geometry

Geometry includes the study of figures, lines, angles, triangles, polygons, and circles. Logical reasoning in mathematics is stressed and units in Solid Geometry are integrated throughout the year.

Algebra 2

Algebra 2 emphasizes solving equations and inequalities, graphing, use of function and relation, and working with all types of exponents. Logarithms, complex numbers,

matrix algebra, and probability will be introduced.

Trigonometry

This course covers the fundamentals of trigonometry and its applications. Topics include degree and radian measurements of angles, right triangle trigonometry, unit circle trigonometry, graphs of trigonometric functions, algebraic manipulation and proof of trigonometric identities, inverse trigonometric functions, solving trigonometric equations, the Laws of Sines and Cosines, vectors, the polar coordinate system, and roots and powers of complex numbers.

Pre-Calculus

This course covers the study of polynomials, rational functions, exponential and logarithmic functions, trigonometric functions, systems of linear equations, matrices, determinants, rectangular and polar coordinates, conic sections, complex number systems, mathematical induction, binomial theorem, and sequences.

Performing Arts

Drama

Drama provides students with exposure to the Theatrical Experience. Students are required to participate all aspects of a stage production, including acting, assistant direction, scenery, script writing, and costume design, culminating with our winter theatrical performance.

Science

Biology

The study of all living things including cell biology, biochemistry, photosynthesis, respiration, genetics, the phylogenetic survey of the five kingdoms, ecology, and human biology. Students develop science process

skills and laboratory skills while working through activities and investigations.

Physical Science

This class is activity based and includes the study of electricity, electronics, magnetism, solar power, gravity and earth forces, and commonly held scientific laws. Motion, forces, matter, and structures are a few topics integrated into the curriculum. Students will develop a foundation of scientific knowledge and vocabulary.

Health

Health

Health education covers areas of family life, sex education, communicable and degenerative diseases and their causes, positive lifestyles, influences on one's well being, and first aid.

Social Sciences

World History

This course is the study of history as a record of human experiences with an emphasis on the origin of our cultural heritage. The course focuses on the modern era, the development of Western thought and ideas, as well as their impact today.

U.S. History

The study of our nation's history from its very beginning to the present day, with a special emphasis placed on the post Civil War period. All aspects of American life are studied, including economic, social, political, and cultural development.

Economics

Economics will provide students with an overview of general economic theories and principles. Practical consumer aspects also are included, such as credit, banking, money

management, buying food and clothing, and tax forms.

American Government

American Government is designed to help develop students into responsible, knowledgeable, and involved citizens in society. Units studied include political decision making and behavior, and local vs. national government, including the legislative process, judicial process, and the executive branch.

General Electives

Yearbook

Student design and produce an annual that serves as a memory book and historical reference on the school year. Students develop their skill in the areas of writing, computer applications, and photography. Students learn public relations and receive educational training in team work and responsibility, business, design and production, promotional sales, and experience in journalistic production. Students learn the responsibility of meeting deadlines with quality production

Teacher's Aide

Students have the opportunity to work with teacher's in the classroom or office setting. Students must maintain confidentiality, good attendance, citizenship, and follow instructions to maintain their position.

Service Learning

This course give student the opportunity to participate in various, school approved community service projects.

Physical Education

P.E. (Required 9-11)

A required course, promoting physical activity and team sports, with an emphasis on integrating exercise into a healthy lifestyle.