

ADDITIONS

Pursuits in Mathematics

1 Trimester

0.5 Credits

Grade: 10-12

Prerequisite: Algebra 2

This elective course will enhance math content that students have learned through their study up to and including Algebra 2. Students will take a hands-on approach to their learning through research and project-based assessments. Topics covered in Pursuits in Mathematics include but are not limited to non-linear regressions, project-based geometry applications, probability, and business applications.

Earth Science

2 Trimesters

1.0 Credits

Grade: 10-12

Prerequisite: Any previous science class

This course provides students the opportunity to explore the four key components of Earth Science at an introductory level. During the four units of study (Astronomy, Geology, Meteorology, Oceanography), students will explore the features of our planet and other celestial objects. Students can expect to develop a greater understanding of topics such as plate tectonics, characteristics of our atmosphere, chemical and physical properties of our oceans and current technological advances used to study and understand other planets and stars. Students will have the opportunity to participate in a variety of interactive learning experiences through class activities, simulations, and projects.

STUDENTS CANNOT ENROLL IN THIS CLASS IF THEY HAVE COMPLETED ANY OF THE FOLLOWING: OCEANOGRAPHY, GEOLOGY, METEOROLOGY, ASTRONOMY.

Global Perspectives in Literature

1 Trimester

0.5 Credits

Grade: 12 (Open to 11th in addition to required course)

Prerequisite: 9th and 10th grade English

This one-trimester course offers students an opportunity to explore literature written by authors from diverse backgrounds. Looking through a variety of lenses, students will examine varying perspectives on the human experience as expressed in literature from around the world. While this is primarily a literature class focusing on novels, short fiction, and poetry, students will also engage in synthesis style discussion, interpretation of visual art, reflective writing, and analytical/interpretive writing.

Language and Composition (REPLACES EXPOSITORY WRITING & LITERATURE)

2 Trimesters

1.0 Credits

Grade: 11

Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Students will become adept consumers of information, develop visual literacy, analyze media, and learn about how language choices contribute to effectiveness in writing personal narratives, college essays, argumentative and persuasive essays, and literary analysis essays. This course, which includes a research element, the study of a Shakespeare play, and at least one novel, is designed to help prepare students to read and write at the college level.

Advanced Placement Research

2 Trimesters

1.0 Credits

Grade: 12

Prerequisite: AP Language and Seminar and prior/concurrent enrollment in coursework related to the student's individual research question

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue or idea of individual interest. Students design, plan and implement a two-trimester investigation to address a research question.

SUBTRACTIONS

Oceanography

Geology

Meteorology

Astronomy

AP German Language and Culture

Modern Literature

Expository Writing