

SOTA VIRTUAL COURSES FOR 2018-2019

0519V – AP English Literature and Composition (12th grade English option) 1.0 English Credit- See other side for description

1439V – AP Psychology 1.0 Social Studies ELECTIVE Credit

AP Psychology is a college level course providing students an overview of the development of human behaviors and thoughts. Along with preparation for the AP Psychology exam, the goals of this course are to immerse students in modern psychological investigation techniques, to accentuate the ethics and morality of human and animal research, and to emphasize scientific critical thinking skills in application to the social sciences. Psychology is a diverse social and biological science with multiple perspectives and interpretations

7189V – AP Art History 1.0 Art Credit

This course provides college-level instruction in art history beginning with pre-history and concluding with 21st century art and architecture. The course challenges students to examine major forms of artistic expression from the past and present within a variety of cultures, examine works of art critically with intelligence and sensitivity, and articulate how it represents the culture it was created within.

2508V – AP Computer Science A 1.0 ELECTIVE Credit

This course is equivalent to the first semester of a college level computer science course. The course involves developing the skills to write programs or part of programs to correctly solve specific problems. AP Computer Science A also emphasizes the design issues that make programs understandable, adaptable, and when appropriate, reusable. At the same time, the development of useful computer programs and classes is used as a context for introducing other important concepts in computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications. In addition an understanding of the basic hardware and software components of computer systems and responsible use of these systems are integral parts of the course

4105V – American Sign Language I and American Sign Language II (4106V) 1.0 Foreign Language Credit

Includes fingerspelling and basic sign vocabulary, allowing for immediate conversation at the simple sentence level. Aspects of Deaf Culture will be explored, including characteristics, famous role models and its history.

4195V – Mandarin Chinese I 1.0 Foreign Language Credit

This exciting introduction course is open to all who wish to communicate with speakers of the world's most commonly spoken language! You will practice the four skills of listening, speaking, reading and writing and explore the culture of one of the world's oldest continuous civilizations. A school exam completes this course.

2279V – AP Statistics 1.0 Mathematics Credit

Students will become familiar with the vocabulary, method, and meaning in the statistics which exist in the world around them. This is an applied course in which students actively construct their own understanding of the methods, interpretation, communication, and application of statistics. Students will also complete several performance tasks throughout the year consisting of relevant, open-ended tasks requiring students to connect multiple statistical topics together. The TI 83+/84 OR 89 calculator and computers will be used to explore the world of data and the patterns which can be found by analyzing this information as well as statistical relationships. General topics of study include exploring data, planning and design of a study, anticipating patterns, and statistical inference.

3549V – AP Environmental Science 1.0 Life Science Credit, Prerequisite: Living Environment and Chemistry

This course is the equivalent of a college level environmental science class. This course emphasizes the 'science' in environmental science, but also integrates portions of many different sciences. Throughout the course, students are taught multidisciplinary methods for collecting, analyzing, and interpreting data to monitor and abate problems within the environment in which we live. Students then use this information and data to identify and analyze environmental problems, both natural and human-made, to evaluate the risks associated with these problems, and to critically examine alternative solutions for resolving and/or preventing them. We will incorporate social sciences such as economics, politics, ethics, and law to understand real-world perspectives on environmental problems.

1438V - Abnormal Psychology Through Film .5 Social Studies ELECTIVE Credit

This elective will explore abnormal human behavior through film. The films/topics covered will include, but are not limited to, The Lord of the Flies (Nature v Nurture), The Matrix (How the Mind and Body Interact), A Beautiful Mind (Schizophrenia), and I Am Sam (Intellectual Disability). The course will focus on basic foundations of the Psychology discipline and specific abnormal behaviors that are classified by the American Psychological Association (APA) as disorders. Students will view films that address these topics and then respond through analytical writing and group discussions.

0245V – Literature to Film (12th grade English option) 1.0 English Credit or 1.0 Elective Credit, Prerequisite: English III- See other side for description

2575V- Computer Programming I 1.0 Elective Credit

An introduction to computer programming using the computer language Java. Students will learn the process involved in developing and executing computer programs so as to obtain a solution to a specific problem. This process will include problem analysis, algorithm development, code development, and documentation. In addition, students will be able to read, as well as write, good program code.

4625V- AP Spanish Literature- pending district approval