ASD iSCHOOL

LANGUAGE ARTS

is online course incorporates an integrated approach to the teaching of reading and writing. Students read a variety of ction and non ction world literature with an emphasis on literary analysis, including drawing inferences and analyzing main ideas. Students are taught the writing process and write in varying modes and for di erent purposes and audiences throughout the media presentations from a variety of perspectives; and dramatic interpretations from plays and excerpts. Students are taught writing process and write in varying modes and for di erent purposes and audiences throughout the year. Grammar and vocabulary skills are integrated throughout each unit. e fundamentals of formal speech, both to persuade and inform, are also important elements of this world literature course.

English III – US Literature Online......H0124OLS1/H0124OLS2 Grade level 11. Required. One semester each. Prerequisite: None

English III US Literature: is full-year online required course focuses on American literature and how it has helped shape our nation. Students will explore and study great literary works from throughout United States' history including Early American, Civil War, Great Depression and Civil Rights eras. In addition to reading a variety of rich ction and informational texts, students will improve their writing, critical thinking, speaking, vocabulary, and grammar skills through lessons aligned to the Common Core State Standards. Sharpening their skills through performance tasks such as on demand and extended writing and formal and informal presentations will prepare students to achieve career and college readiness.

English IV is a full year, 12th grade thematic online course including four units of study: Morality, Citizenship, Social Justice, and Nature & Environment. ese universal themes are

AP Computer Science H12010LS1/H12010LS2 evelopment of astronomical concepts such as planetary motion structure of galaxies and various theories of the formation of Grade level: 11-12. One semester each. Prerequisite: Algebra II the universe. Course includes the use of various astronomica

is online AP Computer Science is a year-long introdugnstruments. tory college-level course which covers the basics of Java in two

semesters and is geared speci cally toward high school students of I Online H2232OLS1/H2232OLS2 who plan to take the AP Computer Science A exam. is classified level 9-12. One semester each. Life science open to 11th and 12th graders who have successfully completed usite: Grade 10-12: none. Grade 9: 3.5 GPA in 8th grade cor Subjects, Algebra I and teacher recommendation. Algebra II.

Advanced Placement Statistics

e basic biology course and prerequisite for all biology electives. is online course will include a study of the chemical basis

di usion and osmosis. Cell division, DNA and enzyme action

Grade level 11–12. One semester each.

Prerequisite: First semester enrollment requires a grade of "B" owill also be covered. e course also includes an extensive treatbetter in Algebra II. The prerequisite for the second semester of ment of introductory botany, zoology, ecology and genetics. AP Statistics is the successful completion ("C" or better) of the

chairperson. Grade level 10–12. One semester. Physical science.

e purpose of this online course is to introduce students torrequisite: None. the major concepts and tools for collecting, analyzing and drawis online course is a survey of the various branches of sciing conclusions from data. Students will be expected to be abten to concerning the earth. e student has the opportunity to use appropriate technology to interpret data and will be expected or a wide variety of topics such as oceanography, historica to be able to communicate their results in an understandatelogy, rock and mineral identi cation, astronomy, physical form. geology, meteorology, composition and formation of the forma-

Advanced Placement

course is not open to students who have successfully complete Calculus AB Online. H1706OLS1/H1706OLS2Geology I. Grade level 11-12. One semester each.

Prerequisite: "B" or better in Pre-Calculus and Algebra II or consent of the previous mathematics instructor or math department chairperson.

Grade level 10–12. One semester. Life or physical science Prerequisite: Biology I required, Chemistry I recommended.

tions of the early and various geological processes of change. is

is online course includes the study of functions and graphs, is online course focuses on various aspects of forensic sciderivatives and their application, analytic geometry, limits and e and modern criminal investigation analysis. It integrates continuity and includes the use of current technology. biology, geology, physics, chemistry, anatomy, medical science

AP Calculus BC Online H1709OLS1/H1709OLS2^{and} critical thinking skills. Topics include structures and functions of the human body, processing a crime scene, physica Grade level 11–12. One semester each.

Prerequisite: "B" or better in AP Calculus AB; a 3 or higher on the vidence, questioned documents, serology and pathology. Ir AP Calc AB test; or consent of the Calculus BC instructor or mataddition, the course may cover selected topics in toxicology. druc department chairperson. and alcohol abuse, odontology, entomology, forensic art, terrorist

As with other courses designated with Advanced Placement, disaster response and emergency medical procedures. this online course is introductory college level material.

cessful. is course includes the study of functions and graphs, and derivatives and their application, analytical geometry, limits. and continuity, integrals, parametric equations, polar functions. so online course follows Forensic Science I. It focuses on and vector analysis. Additional techniques and applications for di erentiation and integration will be developed. Polynomial approximations will be explored through the Maclaurin and medical sciences and critical thinking skills. Topics Taylor Series. Convergence and divergence of sequences and series DNA analysis, textiles, trace evidence, rearms, tool will be investigated. Appropriate technology will be incorporated selected topics in toxicology, drug and alcohol abuse, odontology throughout the course. entomology, forensic art, terrorist and disaster response and eme

gency medical procedures.

SCIENCE

Grade level 10-12. One semester. Physical science. Prerequisite: None.

Grade level 10-12. One semester. Life science Prerequisite: Biology I.

is online course is designed to build a coherent understand- is online course is a study of marine life found on shores, ing of the earth-space relationship. Emphasis will be towardsirtheays, estuaries, intertidal zones and in ocean depths. e commercial and environmental importance of various formsActivanced Placement US Government OrHB062OL marine life will also be examined. Grade level 12. One semester.

Prerequisite: None.

is online course is a very basic introduction to physical science that will stress the general principles of chemistry and physics. e basic physics section will include emphasis in simple machines, basic electricity and the various forms of energy. e chemistry section will cover matter, mixtures and compounds. e student will be presented with the practical side of physical science that emphasizes the everyday uses of physics and chemistry.

SOCIAL STUDIES

World History Online

(Circa 500 BC-AD 1800)...H3315OLS1/H3315OLS2 Grade level 10. Required. One semester each. Prerequisite: None.

is online course provides a study of world history. Included in the rst semester are the geographic regions of Greece, Rome, India, e Far East, China, Japan, Korea, and Africa. Geography, humanities, religions, government, economy, society, science, and technology are some of the themes/perspectives by which these areas of the world will be explored. Included in the second semester are the geographic regions of the Middle East, ancient Americas, Byzantium, and Europe. Geography, humanities, religions, government, economy, society, science, and technology are some of the themes/perspectives by which these areas of the world will be explored.

is online course provides the study of United States history with some integration of world history. Historiography, geography, economics, government, humanities, sociology, religions, philosophy, science, and technology are some of the themes/perspectives by which US history will be examined. e rst semester will investigate/explore the American experience through the post WWI era (roaring twenties) and the beginning of the Great Depression. e second semester will investigate/explore the American experience from the Great Depression through contemporary America.

United States Government Online H3075OL Grade level 12. Required. One semester.

Prerequisite: None.

is online course is founded on the belief that to become an informed and active citizen, an understanding of government is essential. is course will feature both the structure of government and the function of politics. It will include both theory and practical application of the following: 1) foundations of United States government, 2) institutions and policy making, 3) principles of the United States constitution, 4) roles and responsibilities of the citizen, and 5) political behavior.

about themselves, their school and community in this online class. They expand their vocabulary and learn increasingly complex grammatical structures needed for more sophisticated communication. Students use technology and media to gather cultural information and learn about current events. is course is tailored to the low intermediate level of pro ciency in French.