

## ALAMOGORDO HIGH SCHOOL - VIRTUAL LEARNING COURSES 2018-2019 School Year

**Course Title:** Virtual Learning – Financial Literacy

**Grade Level:** 12

**Prerequisite:** Student must be a senior

**Special Notes:** Scientific Calculator required. This course is **NOT NCAA approved**.

**Description:** This course is an introduction to the many ways in which math can be used in everyday life. The course gives practical advice on how to handle situations that involve money and math principles. Consumer Math focuses on the basic skills and methods of arithmetic and provides students the opportunity to develop experience with algebraic techniques of evaluating variables and equations, including geometric formulas and interest equations. Students will also be introduced to topics in statistics.

**Course Title:** Virtual Learning - Earth Science (NCAA)

**Grade Level:** 9-12

**Description:** This course covers such areas as the origin, history, and structure of the earth. It also covers forces that cause change on the earth and features of the earth including the crust, water, atmosphere, weather, and climate. Earth science wraps up with astronomy and a study of all the planets, the solar system, and galaxies. The course strives to teach that each feature of the earth interacts with the others in many critical ways, and the study of these relationships is important to humanity.

**Course Title:** Virtual Learning - Geometry (NCAA)

**Grade Level:** 10

**Prerequisite:** Successful completion of Algebra 1

**Special Notes:** Students in this course are required to have a graphing calculator.

**Description:** The course focuses on the skills and methods of linear, quadratic, coordinate, and plane geometry. In it, students will gain solid experience with geometric calculations and coordinate plane graphing, methods of formal proof, and techniques of construction.

**Course Title:** Virtual Learning – English 12 (NCAA)

**Grade Level:** 12

**Description:** In this course, the student will expand their vocabulary for the ACT and SAT, develop group and oral presentation abilities, produce a variety of coherent essays which engage in a study of British literature, history, culture and development of the English language.