

9th grade AP and Elective Course Descriptions

AP Computer Science Principles: The fundamentals of computing, including problem solving, working with data, understanding the internet, cybersecurity, and programming. Broadening your understanding of computer science for use in a diversity of majors and careers. Exam – one project during the course and one end-of-year exam: multiple choice. Grades 9-12/ Credit: 1 unit

AP Human Geography: – Replaces World Geography Learn about the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface; use spatial concepts and landscape analysis to examine human social organization and its environmental consequences and learn about the methods and tools geographers use in their science and practice; study the distribution, processes, and effects of the human population on the planet; learn how to use and interpret maps, data sets, geographic models, GIS, aerial photographs, and satellite images. Primarily offered to 9th grade as an introductory AP course. Grades: 9-12 Credit: 1 unit

NCCER Core/Agriscience I: This course of instruction provides individuals an overview to the various fields of basic safety, introduction to construction math, hand tools, power tools, construction drawings, basic rigging, basic communication skills, basic employability skill and materials handling. This course must be taken in conjunction with or as a prerequisite to Welding, Carpentry, and Electrical. Grades: 9-12/ Credit: 1 unit

Band I: This course includes fundamental and advanced techniques of playing an instrument and is limited to band students. Additional fees for travel, festivals, uniforms, and music are required. Grades: 9-12/ Credit: 1 unit

Cybersociety: Cybersociety is a set of units designed into introduce students to how the world of cyber affects their lives every day. Students will explore US laws related to technology, intellectual property, their personal lives, and the ongoing debate between privacy versus security. Grades: 9-12/Credit: 1 unit

Introduction to Business Computer Applications: This course introduces students to proper keyboarding techniques, the production of simple business documents, and basic computer application skills. Students will be able to obtain InDesign certification. Grades 9-12/ Credit: 1 unit

Introduction to Health Occupations: This year-long course is designed for any student interested in pursuing a career in any allied health related career. Students will do in-depth career exploration in allied health careers. Pre-requisite for Patient Care Tech Grades: 9-12/Credit: 1 unit

Media Art 1: This computer-based art course teaches Adobe Photoshop and Illustrator basics that will equip students to obtain a certification as an Adobe Certified Associate. Students learn the elements in principles of art as applied to graphic design and composition. Grades: 9-12/Credit: 1 unit

