



Mission Valley ROP

Career Technical Training Center

2021–2022 High School Courses



Courses at Kennedy High School

Some classes available only in blocks indicated on the JFK Bell Schedule

Anatomy and Physiology for Medical Careers | Block 2– Center Campus (74007)

UC “g” Credit | Ohlone College Credit

Students will gain a strong foundation in Anatomy and Physiology needed in the healthcare profession, terminology and tests related to the body’s systems in the classroom, visits from guest speakers, and labs. Lab skills include study of body systems and basic medical terminology.

Auto Body Painting and Refinishing 1, 2 | Block 2– Center Campus (74020/74021)

This course offers an introduction to Auto Body and Refinishing. Students will learn from a Certified Instructor and use industry-standard techniques, materials, and tools, including a state-of-the-art, heated downdraft paint booth.

Automotive Technology 1, 2 | Block 2– Center Campus (74040/74041)

Chabot College Credit for Year 1

This course offers hands-on experience in auto shop operations, tool usage, safety procedures, equipment operation, and customer service; skills learned include general auto repair, brakes, steering and suspension, electrical systems, and engine performance. Students will have the opportunity to earn many industry level certifications. *Must earn a B- or better in Automotive Technology 1 to take Automotive Technology 2.*

Construction Technology 1, 2 | Center Campus (74150/74151)

Chabot College Credit

This course prepares students for entry-level employment in residential and commercial construction. Students receive hands-on training in carpentry, electrical, and plumbing, including roofing, kitchen and bath remodeling, and energy-efficient building materials.

Culinary Arts 1 (74170)

UC “g” Credit | Mission College Credit

This competency-based course is geared to introduce students to the Hospitality and Food Service Industry. The course includes sections on food safety and sanitation, basic culinary terms, hospitality standards, knife skills, fundamentals of cooking techniques, pantry, soups, and basic pastry. Integrated throughout the course are career preparation standards, including basic academic skills, communication, interpersonal skills, problem-solving, workplace safety, technology, and employment literacy. *Students will earn Food Handlers Certification.*

Culinary Arts 2 (74180)

UC “g” Credit

Prerequisite Culinary Arts 1. Students continue to focus on sanitation, safety, and knife skills. Students gain advanced skills in preparing stocks, soups, sauces and main entree courses, nutrition, costing out recipes and menu and other culinary math skills, menu design, and regional cooking.

Digital Video Arts Production 1, 2 | Blocks 1, 2– Center Campus (74230/74231)

UC “p” Credit | Ohlone College Credit

Video production including camera work, editing, DVD authoring and the production process of short fiction, documentary, commercial and “live TV”; analyze film scenes and sequences, develop production management skills. (Recommend prior class in fine arts, computer applications or digital graphics.)

Event Planning and Catering (74280)

Prerequisite Culinary Arts 1 and Culinary 2. Students learn the principles and practices of public relations, planning and organizing events, and preparation for employment opportunities with a variety of profit and non-profit organizations and corporations. *Internship opportunities are available. Students must maintain a grade of “B” or better to be eligible for internships.*

Introduction to Engineering and Design (74209)

UC “d” Credit

This Project Lead the Way (PLTW) course will expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation. Students will make models and use 3D solid modeling design software to help them design solutions to solve proposed problems and will learn how to document their work and communicate solutions to peers and members of the professional community.

Principles of BioMedical Science/ Human Body Systems– PLTW | Block 2– Center Campus (74215/74217)

UC “d” Credit for each semester course

First semester, in Principles of Biomedical Science, students explore biology and medicine including human physiology, immunology, microbiology, medicine, and research processes. Students design experiments to solve biomedical problems. Second semester, in Human Body Systems, students examine the interactions of human body systems and take on roles of biomedical professionals.

For more information about MVRP and our programs go to www.mvrop.org