

UNIVERSITY HIGH SCHOOL CTE PATHWAYS

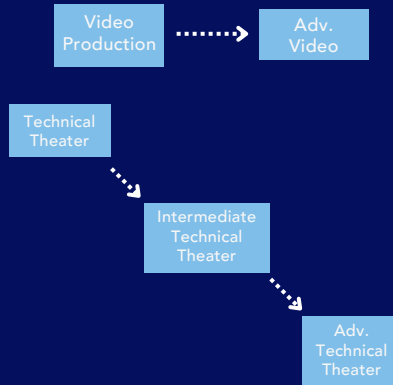
The Career Education program helps students explore careers from middle to high school through Career Technical Education (CTE) and pathways. Students gain hands-on experience, build teamwork, leadership, and problem-solving skills, and develop transferable "soft skills" for any industry or college programs.

Arts, Media, & Entertainment

Production & Managerial Arts

From writing a script to shooting and editing film, student teams create professional quality videos. The advanced course offers opportunities to connect with industry professionals on projects like the OC Film Fest.

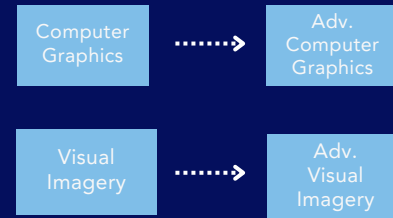
College and Career Opportunities: Arts/Film Certificate and AA degree programs, 4 Yr college/university film/digital media degree, film editor, director, producer, videographer, public relations.



Digital Arts and Media

For personal interest or for exploring a career in the digital media industry, build digital photography (Digital Media Arts) and computer graphics (Graphic Art and Animation) skills.

College and Career Opportunities: Digital Media Certificate and AA degree program, 4 Yr college/university digital media degree, marketing, graphics industries.



Engineering & Architecture

This is a program designed to ignite the curiosity and creativity of students interested in engineering and architecture. It offers a comprehensive curriculum that combines rigorous academic subjects with hands-on training and project-based learning in engineering principles, architectural design and construction techniques. Students enrolled in this program gain a strong foundation in math, science and technology while exploring the worlds of designing structures, systems and solutions for the built environment.



Introduction to Engineering

Adv. Engineering

Principles of Engineering

Information & Communication Technologies

Begin the pathway learning a variety of programming languages. AP Comp Science Principles: learn the creative aspects and applications of programming. AP Computer Science: learn to use Java software to solve problems. Data Structures: learn how to design, develop, test and debug computer programs. College and Career Opportunities: Certificate and AA Degree programs, 4 Yr college/university IT degree. Software Engineer, Software technician, Cybersecurity.



AP Computer Science

AP Computer Science Principles

Automotive

Explore a career in the automotive industry or build practical skills useful in STEM careers. Learn how math and science is used in real world applications. Continue your pathway to career and getting on-the-job experience by taking the ROP Auto Intern course. College and Career Opportunities: Certificated and AA Degree programs, 4 Yr college/university STEM degree, Mechanic, Automotive designer.



ROP Auto Internship

Automotive Technology (Saddleback College Dual Enrollment)

Marketing, Sales, & Service

This is an educational program designed to prepare students for dynamic and rewarding careers in the world of business, commerce, and customer service. This specialized pathway offers a comprehensive curriculum that combines core academic subjects with specialized coursework focused on marketing, sales techniques, and customer service strategies. Students enrolled in this program gain valuable skills, knowledge, and practical experience to excel in a variety of roles within the business and service sectors.



Virtual Enterprise

ROP

Over 500 IUSD students explore a career each year, enrolling in an after school or summer course offered through Coastline ROP (CROP). Career exploration courses are available in several industries, many with internship and college credit through articulation. Crime Scene Investigation (CSI), EMT and EMR, Robotics, Retail Sales, Sports Medicine, Culinary Arts and Hospitality are just a few careers you can explore while still in high school. See your counselor or visit the College and Center. Sign up early as these courses fill up fast.

Dual Enrollment

Be college and career ready and earn early college credit by taking an Irvine Valley College course during high school. Explore World Languages, Biotechnology, Business, Communications and more!

Middle School Career Exploration

Middle School is the perfect time to find your interest through a career exploratory course and build skills that will prepare you for any career. Courses vary at each school, Exploring Engineering and Robotics, Digital Media and Video Production, Culinary Arts and Fashion Design are just some of the courses you can take.

