

NORTHWOOD 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.

Production & Managerial Arts

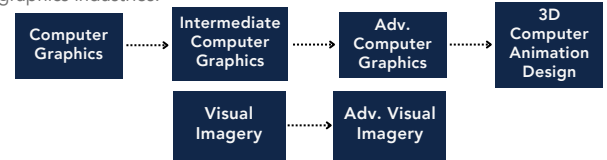
From writing a script to shooting and editing film, student teams create professional quality videos. The advanced course offers opportunities to connect with industry professionals on projects like the OC Film Fest. College and Career Opportunities: Arts/Film Certificate and AA degree programs, 4 Yr college/university film/digital media degree, film editor, director, producer, videographer, public relations.



Arts, Media, & Entertainment

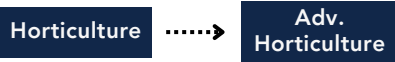
Digital Arts and Media

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.



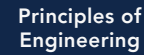
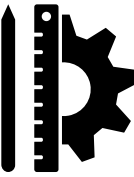
Agriculture & Natural Resources

This pathway is designed to introduce students to the diverse and vital fields of agriculture, environmental science, and natural resource management. This specialized pathway offers a comprehensive curriculum that combines core academic subjects with hands-on learning experiences in agriculture, forestry, conservation, and sustainable resource management. Students enrolled in this program gain a deep understanding of the environment, agriculture's role in it, and the essential skills needed to contribute to the responsible stewardship of our planet's natural resources.



Engineering & Architecture

This is a program designed to ignite the curiosity and creativity of students interested in the fields of 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 fascinating worlds of designing structures, systems, and solutions for the built environment.



Hospitality, Tourism, & Recreation

This is a specialized educational program designed to prepare students for exciting and dynamic careers in the hospitality, tourism, and recreation industries. This pathway offers a comprehensive curriculum that combines core academic subjects with practical training and real-world experiences in hospitality management, tourism operations, and recreational services. Students enrolled in this program develop essential skills in customer service, event planning, and business management while gaining insights into the world of travel, leisure, and entertainment.



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.



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 Career Center. Sign up early as these courses fill up fast.

Dual Enrollment

Be 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.

