

The Benefits of Taking Career Technical Education Courses

Career Technical Education (CTE) gives students the chance to get a head start preparing for college and careers. In CTE programs, students learn how core school subjects like math, science and writing are used in real life. CTE students have the

opportunity to participate in hands-on training in a chosen career pathway and gain real world experience



through job shadows and internships. Many programs offer students the opportunity to earn college credit, meet University of California A-G requirements for admissions and/or nationally recognized certifications, which can be used to get a job that will help pay for college or start a career straight out of high school!



Poway Unified School District

For more information, please contact Lynn McConville, Assistant Principal, Career, Technical and Adult Education or your school counselor.

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Career Technical Education



**College and Career Readiness
for All Students**

What is Career Technical Education (CTE)

Career Technical courses integrate core academic subjects with relevant, challenging technical and occupational knowledge. CTE programs prepare students for 21st century challenges and opportunities. To ensure a successful transition from the critical years of childhood to young adulthood, CTE equips students with the skills needed to become responsible citizens, contributing members of society and gainfully employed. This is achieved through a collaboration with parents, classroom teachers and business and community members.



CTE programs are standards-based rigorous academics, applied and instructed through real world application. CTE courses are offered in 15 industry sectors tied to local economic and workforce needs. CTE is comprised of a sequence of courses—exploratory, foundation, intermediate and advanced. These courses provide students with skills necessary to succeed in post-secondary college education, entry-level employment and career advancement. Career exploration, including paid and un-paid internship opportunities, exist throughout CTE courses.



Career Technical Education Courses offered in the Poway Unified School District

Arts, Media and Entertainment Courses:

3D Animation
Computer Graphic Arts
Digital Media Production
Broadcast Journalism
Photography
Screen Printing
Studio Art
Technical Theatre
Visual Communications
Website Design

Business/Finance and Marketing Courses:

Accounting
Economics of Business Ownership
Marketing Economics

Agriculture and Natural Resources Courses:

Agricultural Science
Agricultural Biology
Art History/Floral Design
Veterinary Science

Information Technology Courses:

AP Computer Science
Computer Science
Computer Information Systems
Data Structures
Computer Programming

Engineering and Design Courses:

Introduction to Engineering Design
Engineering Geometry
Architectural Design/Civil Engineering & Architecture
Principles of Engineering
Computer Integrated Manufacturing
Engineering Design and Development
Elementary Engineering Modules (Launch)
Middle School Engineering (Gateway to Technology)

Building Trades and Construction

Construction Technology

Transportation Courses:

Automotive Technology
Auto Body Repair

Health Science Courses:

Principles of Biomedical Science
Human Body Systems
Biomedical Technology
Sports Medicine/Athletic Trainer

Public Service Courses:

Fire Science
First Responder

Career Exploration Course:

Work Experience
Internship

