



CAREER TECHNICAL EDUCATION (CTE) PATHWAYS

FOOD SERVICE & HOSPITALITY PATHWAY



The Food Service and Hospitality Pathway works closely with The Resort at Squaw Creek, Wolfdales, Tahoe Food Hub, the Boys & Girls Club, Tahoe Forest Hospital, Tahoe SAFE Alliance, CA Restaurant Association/ProStart, and ServSafe to offer a sequence of courses that lead students through understanding food science, nutrition, health and well-being, food production, preparation, and service skills, purchasing, storing, and preparing quality food, food safety and sanitation, dietary guidelines, and marketing. Students in this pathway will have the opportunity to earn their Food Handler's Safety/ServSafe certificate.

Intermediate Level
Culinary I

Capstone Level
Culinary 2

Postsecondary Level
This pathway leads toward the
Nutrition program at Sierra College

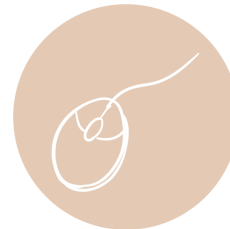
NTHSCulinary@ttusd.org (530) 581-7000

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CAREER TECHNICAL EDUCATION (CTE) PATHWAYS

SYSTEMS PROGRAMMING PATHWAY



The Systems Programming Pathway partners with the Truckee Roundhouse Makerspace and Parallax Robotics to offer a sequence of courses that lead students through technology systems development, computer programming, software testing, programming mechanical objects and sensors, integrating STEM subjects, algorithm development, wireless applications, and studying data structures, design, and abstraction. Students in this pathway have the opportunity to compete in Robotics competitions and join the Girls Who Code club.

Introductory Level
Introduction to Technology

Intermediate Level
Computer Science

Capstone Level
AP Computer Science A

Postsecondary Level
This pathway leads toward the
Mechatronics program at Sierra College

THSInfoTech@ttusd.org (530) 582-2600



CAREER TECHNICAL EDUCATION (CTE) PATHWAYS

Welcome to Tahoe Truckee Unified School District.

At TTUSD, we are proud to offer Career Technical Education (CTE) Pathways as rigorous options for our scholars to ensure they are ready for college, career, and life. Our CTE Pathways are engaging and relevant industry-themed sequences of courses that reinforce core academics through real-world examples and experience. Each pathway brings industry-specific skills to the forefront of learning and fosters 21st-century skills, such as creativity, collaboration, communication, leadership, adaptability, and grit, that are needed to succeed in college and careers.

Scholars who complete a Career Technical Education (CTE) pathway will:

- Explore high-need, high-wage, and high-skill careers
- Explore related programs at trade schools, universities, community colleges, and in the military
- Develop and review a college and career readiness plan
- Experience work-based learning (WBL) opportunities such as site visits to related industry and postsecondary programs, internships, competitions, and job shadows
- Have the opportunity to earn industry recognized certifications or certificates
- Develop leadership skills
- Have access to AP courses
- Have the opportunity to take courses at Sierra College that earn them both college and high-school credits for at nearly no cost
- Be considered "prepared" by the California College and Career Readiness Indicator (CCI) with meeting UC/CSU a-g criteria, passing one academic/CTE course at Sierra College, or passing an AP exam

Follow **Tahoe Truckee Unified College and Career Pathways** on Facebook. Email CTEPathways@ttusd.org, visit www.ttusd.org, or call **(530) 582-2514** (Hablamos español) for more information.

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Kim Szczurek: *President, Area 1*
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Kirsten Livak: *Trustee Area 2*
Cris Hennessey: *Trustee Area 3*
Dianna Driller: *Trustee Area 5*



CAREER TECHNICAL EDUCATION (CTE) PATHWAYS

BIOTECHNOLOGY PATHWAY



The Biotechnology Pathway is a sequence of courses that utilizes the Project Lead the Way curriculum for Biomedical Science and Human Body Systems. This pathway uses the same tools as professionals in hospitals and labs to introduce students to physiology, biology, medicine, medical research, and take on the roles of biomedical professionals to solve real-world medical cases.

Intermediate Level
Biomedical Science

Capstone Level
Human Body Systems

Postsecondary Level
This pathway leads toward the Health Services EMR and EMT programs at Sierra College



Biotechnology@ttusd.org (530) 582-2600



CAREER TECHNICAL EDUCATION (CTE) PATHWAYS

EMERGENCY RESPONSE PATHWAY



The Emergency Response Pathway works closely with the Truckee Fire Protection District to offer a program that supports careers related to the fire services, emergency medical services, wildland services, and emergency management. Students gain valuable career knowledge, skills, and certifications. This pathway provides the foundation for further professional education and training at a postsecondary level, leading to more certifications and employment. Students in this pathway have the opportunity to earn their FEMA ICS-100, First Aid, and CPR/AED certifications.

Intermediate Level
Emergency Response

Postsecondary Level
This pathway leads toward the Health Services EMR, EMT, and Fire Technology programs at Sierra College.



EmergencyResponse@ttusd.org (530) 582-2640



CAREER TECHNICAL EDUCATION (CTE) PATHWAYS

ENGINEERING DESIGN PATHWAY



The Engineering Design Pathway partners with Parallax Robotics and Truckee Roundhouse Makerspace to provide a series of courses that utilizes the Project Lead the Way curriculum for Engineering Design and Principles of Engineering. This pathway introduces students to the various types of engineering while helping them develop a problem-solving and design thinking mindset. Students in this pathway have the opportunity to compete in industry aligned Robotics competitions and join the Girls Who Code club.

Intermediate Level
Engineering Design

Capstone Level
Principles of Engineering

Postsecondary Level
This pathway leads toward the Mechatronics program at Sierra College



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