



DAVIS SCHOOL DISTRICT

www.davis.k12.ut.us

CAREER AND TECHNICAL EDUCATION

STRANDS

Engineering Disciplines

Mechanical Advantage

Energy Sources

Energy Applications

Material Testing

System Operating Programs

Pneumatic and Hydraulic Systems

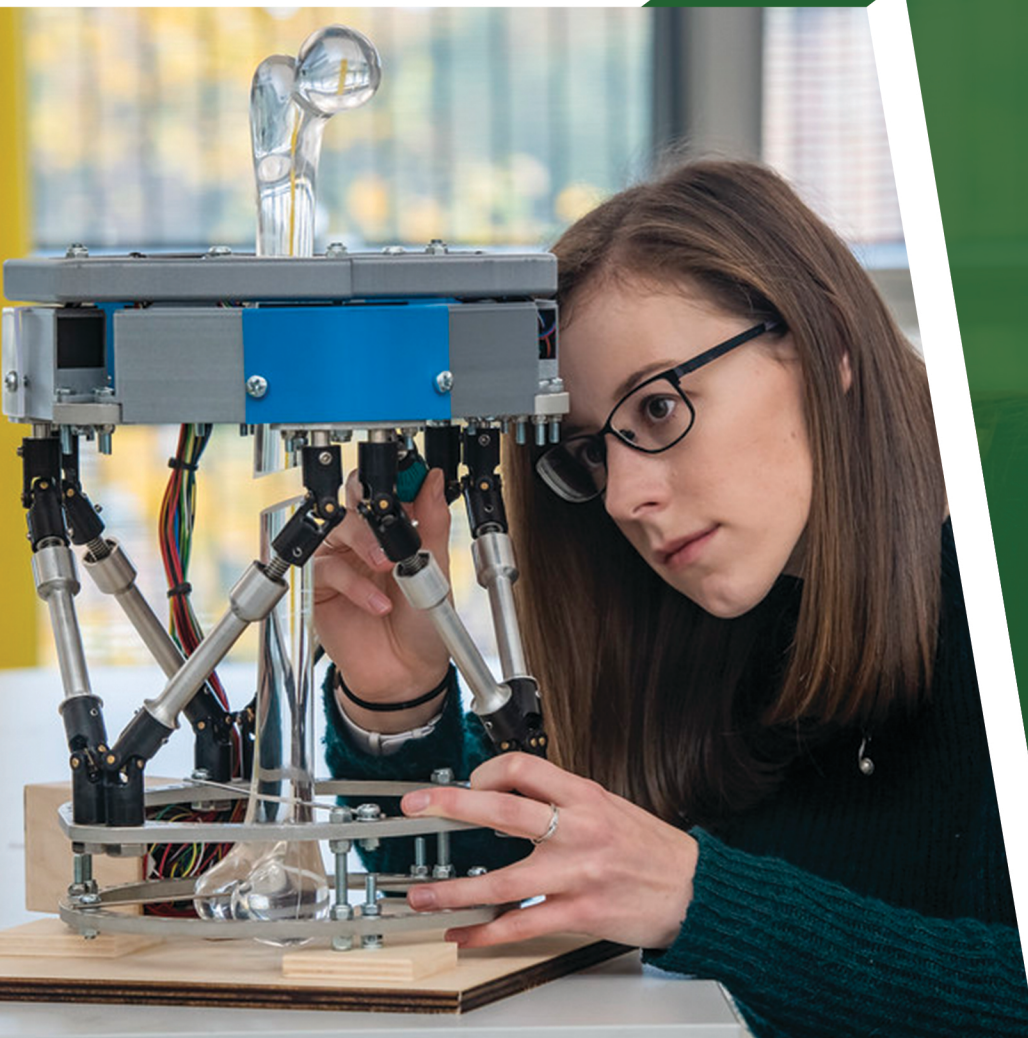
Kinematics

Absolute Pressure

Scalar and Vector Quantities



Learning that works
for Utah



PRINCIPLES OF ENGINEERING - PLTW

ABOUT

An introductory course to some of the major concepts that students will encounter in a post-secondary engineering course. Students have an opportunity to investigate engineering and high tech careers. PoE gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based learning. Used in combination with a team approach, learning challenges students to continually hone their interpersonal skills, creative abilities, and problem solving skills based upon engineering concepts.



CAREER PATHWAYS

Electrical Engineering
Mechanical Engineering



REQUIREMENTS

Year-long course for
Sophomores, Juniors or
Seniors



LOCATIONS

All high school students
have access to take
Principles of Engineering



Talk to your high school
CTE Coordinator



CTE Tech & Engineering Specialist
Brett Matsumura - bmatsumura@dsdmail.net