



DAVIS SCHOOL DISTRICT

www.davis.k12.ut.us

CAREER AND TECHNICAL EDUCATION

STRANDS

Problem-Based Research

Design Specifications

Prototype Designs

Marketing

Production Planning

Process Routing

Cost Analysis

Testing Analysis

Data Collection

Design Solutions



Learning that works
for Utah

ENGINEERING DESIGN & DEVELOPMENT

ABOUT

A capstone course, students will work in teams to develop an original solution to a valid open-ended technical problem by applying the engineering design process. They will research, validate, and justify a technical solution. Each team will design, build, and test their solution. While progressing through the engineering design process, students will work closely with subject matter experts and will continually hone their understanding of the design process.



CAREER PATHWAYS

Mechanical Engineering
Mechanical Design



REQUIREMENTS

Year-long course for
Seniors



LOCATIONS

All high school students
have access to take
Engineering Design &
Development



Talk to your high school
CTE Coordinator



CTE Tech & Engineering Specialist
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