



DAVIS SCHOOL DISTRICT

[www.davis.k12.ut.us](http://www.davis.k12.ut.us)

CAREER AND TECHNICAL EDUCATION

## STRANDS

Aerospace Development

Forces of Flight

Impact or Lift and Drag

Aircraft Stability

Navigation

Global Positioning System

Rocket Propulsion

Design Efficiencies

Satellite Mapping

Career Exploration



Learning that works  
for Utah

## AEROSPACE ENGINEERING

### ABOUT

Aerospace Engineering propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely-operated vehicles.



#### CAREER PATHWAYS

Field Engineer  
Aerospace Engineer  
Assembler



#### REQUIREMENTS

Year-long course for  
Sophomores, Juniors and  
Seniors. Prerequisites  
Required.



#### LOCATIONS

All high school students  
have access to take  
Aerospace Engineering



Talk to your high school  
CTE Coordinator



**CTE Tech & Engineering Specialist**  
Brett Matsumura - [brmatsumura@dsdmail.net](mailto:brmatsumura@dsdmail.net)