Engineering Pathway
Engineering and Technology Career Cluster

HIGH SCHOOL STUDENT

Explorer Courses
1 or more courses
- CAD Architectural Design 1
- CAD Mechanical Design 1
- Engineering Principles 1
- Engineering Technology
- Robotics 1
- Welding Technician, Entry Level
- Woods 1

CONCENTRATOR COURSES
To be a concentrator, student must pass the following course AND one explorer course.
- Robotics 2

COMPLETER COURSES
To be a completer, student must pass enough courses to earn 3.0 credits in this pathway.
- Engineering Capstone
- CTE Internship

APPRENTICESHIPS
CERTIFICATES / COURSES
Utah State University
- Engineering Drafting and Design Technology
- Automotive Technology
- Welding Technology
- Machine Tool Technology

JOBS
- Pilot
  - Utah Median Yearly Wage $98,050
- Aircraft Mechanic
  - Utah Median Wage $26.91
  - Utah Median Yearly Wage $55,980

2-YEAR DEGREES
Utah State University
- Aircraft Maintenance Technician-Airframe and Powerplant

JOBS
- Engineering Technician
  - Utah Median Wage $31.22
  - Utah Median Yearly Wage $64,930

4+ YEAR PROGRAMS
Utah State University
- Aerospace Studies (Air Force ROTC)
  - Non-degree enter Air Force as a Second Lieutenant
- Aviation Technology-Maintenance Management
- Aviation Technology-Professional Pilot
- Technology and Engineering Education
- Technology Systems

JOBS
- Aerospace Engineer
  - Utah Median Hourly Wage $34.70
  - Utah Median Yearly Wage $51,770
- Architectural Manager
  - Utah Median Hourly Wage $53.34
  - Utah Median Yearly Wage $115,100

HIGH SCHOOL COURSES
POST HIGH SCHOOL OPTIONS
CAREER OPTIONS
DUAL CREDIT

Learning that works for Utah