



## Career & Technical Education



### Engineering Design

#### DESCRIPTION:

Engineering is one of the fastest growing career fields. There are Engineers in almost every industry! If you enjoy design and understanding the fundamentals of how things work, Engineering is for you. Students can begin in the Engineering pathway as early as 9th grade. Students approach complex problems utilizing the engineering design process as they work to creatively solve the task at hand.

#### SITES:

Arcadia / Chaparral / Coronado / Saguaro

#### CAREER & TECHNICAL STUDENT ORGANIZATION (CTSO):

SkillsUSA: [www.skillsusa.org](http://www.skillsusa.org)  
 Three-Year Course Sequence

Course Sequence	Pre-Requisite	Fee	Dual Credit
Engineering Design I <b>9274-9275</b>	None	\$25	No
Engineering Design II <b>9266-9267</b>	Engineering Design I	\$25	No
Engineering Design III <b>9310-9311</b>	Engineering Design II	None	Yes

- Dual Enrollment: Chaparral High School- University of Arizona (Engineering 102 HS)
- Three Year Program Completion
- Industry Certification: [SOLIDWORKS](#) CSWA (Certified Solidworks Associate)
- Technical Standards: [www.azed.gov/cte/es](http://www.azed.gov/cte/es)