

Mechanical Design Endorsement Application

Endorsement Application for the Utah State Board of Education

APPLICANT INFORMATION

Name:

CACTUS ID#:

Email:

PURPOSE

This endorsement is meant for certified teachers interested in teaching **Mechanical Design** courses. It is attached to a current Utah Educator License with a concentration area in **Secondary** or **CTE** Education.

Prerequisite Requirement

CTE Knowledge

Associate Level Requirement

Complete **TWO** of the required competencies.

This endorsement is non-renewable and valid for up to three school years before it expires.

Professional Level Requirements

Complete **ALL** the competency areas.

ENDORSEMENT COMPETENCY AREAS

1. CTE Knowledge (REQUIRED)

Select one of the following options:

- ☐ USBE Course: [CTE Orientation Canvas](#) course
- ☐ Complete THREE years of full-time CTE Teaching in Utah
- ☐ Currently hold a professional-level CTE endorsement

2. Computer-Aided Design and Manufacturing

Select one of the following options:

- ☐ Bachelor's degree in engineering
- ☐ Complete a Drafting/Design program from a Technical College
- ☐ Solidworks CAD Design Professional (CSWP) Certification
- ☐ PRAXIS #5051 Technology Education

3. *Engineering & Design*

Select one of the following options:

- ☐ Bachelor's degree in engineering
- ☐ Complete a Drafting/Design program from a Technical College
- ☐ Solidworks CAD Design Professional (CSWP) Certification

4. *Assembly and Working Drawings*

Select one of the following options:

- ☐ Bachelor's degree in engineering
- ☐ Complete a Drafting/Design program from a Technical College
- ☐ Solidworks CAD Design Professional (CSWP) Certification

5. *Lab Safety*

Select one of the following options:

- ☐ Bachelor's degree in engineering, computer science, or manufacturing
- ☐ Praxis #5051 Technology Education
- ☐ OSHA Safety Certification
- ☐ Technology & Engineering Lab Safety Microcredential (Coming 2026)

6. *CTSO Knowledge*

Select one of the following options:

- ☐ Attend a CTSO Fall Leadership Conference
- ☐ USBE Course: SkillsUSA Utah Advisor Training
- ☐ USBE Microcredential: Career & Technical Student Organizations (under development)

APPLICATION SUBMISSION

Please submit the application online in the Utah Educator Licensing Application System, [Survey Monkey Apply](https://usbelicensing.smapply.us) (<https://usbelicensing.smapply.us>)