

SKILL CERTIFICATE

CAREER AND TECHNICAL EDUCATION

This is to certify that

GARVEY
HU

has demonstrated competency in

CAD Mechanical Design 1
(661)

12/19/2022

1896



Learning that works
for Utah

Sydnee Dickson

Sydnee Dickson
State Superintendent

Thalea Longhurst

Thalea Longhurst
State Career and Technical Education Director

Career Skills Certificate Report

Exam Details

GARVEY HU

CAD Mechanical Design 1 (661)

Certification Date: 12/19/2022

*This document certifies that the student listed has
acquired the following skills and knowledge*

Skills and Knowledge

Standards

- The student will investigate career opportunities in engineering & engineering technology.
- The student will understand the elements of an organized approach to solving an engineering design problem.
- The student will document the design process and communicate the results of that process using appropriate techniques.
- The student will understand and apply mathematics, measuring conventions, and scale.
- The student will be able to develop orthographic views of a part with the correct dimensions and geometry.
- The student will be able to understand and demonstrate the use of correct line types.
- Know and follow ANSI Y14.5 dimensioning standards and apply the appropriate dimensions to drawings.
- The student will be able to understand and use 2D computer software to create technical drawings.