

Mechanical Design Technology, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Mechanical Design Technology applies the technical and functional elements of mechanical design. Students will take courses in the fundamentals of drafting and design, basic mechanical drafting and design, two-dimensional and three-dimensional software packages, electrical design, and advanced mechanical design.

Total Program Credits: 17

Discipline Core Requirements:		17 Credits
EGDT 1000	Introduction to Engineering Drawing and Technical Design	2
EGDT 1010	Electrical Drafting and Design	3
EGDT 1040	Fundamentals of Technical Engineering Drawing	3
EGDT 1070	3 Dimensional Modeling--Inventor	3
or EGDT 1071	3 Dimensional Modeling--Solidworks (3.0)	
EGDT 1200	Mechanical Drafting and Design	3
EGDT 2200	Advanced Mechanical	3

Graduation Requirements:

1. Completion of a minimum of 17 semester credits.
2. Minimum grade of C- required in all courses.
3. Overall grade point average of 2.0 (C) or above.
4. Residency hours-- minimum of 5 credit hours through course attendance at UVU.

Mechanical Design Technology, Certificate of Proficiency Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in [Wolverine Track](#).

Semester 1	Course Title	Credit Hours
EGDT 1000	Introduction to Engineering Drawing and Technical Design	2
EGDT 1070 or EGDT 1071	3 Dimensional Modeling Inventor or 3 Dimensional Modeling--Solidworks	3
	Semester total:	5
Semester 2	Course Title	Credit Hours
EGDT 1040	Fundamentals of Technical Engineering Drawing	3
EGDT 1200	Mechanical Drafting adn Design	3
	Semester total:	6
Semester 3	Course Title	Credit Hours
EGDT 1010	Electrical Drafting and Design	3
EGDT 2200	Advanced Mechanical	3
	Semester total:	6
	Degree total:	17