

Surveying Technology, Certificate of Proficiency

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Requirements

The Certificate of Proficiency in Surveying Technology is intended to provide part of the educational competency required for licensure as a Professional Land Surveyor (PLS) in the State of Utah. If an individual holds a bachelor of science degree in a related surveying field such as civil engineering or construction management, according to the State of Utah Office of Administrative Rules 156-22-302(c)(3), they may complete an additional 30 semester hours of surveying specific course work to complete the educational component for licensure. This certificate meets this regulatory educational requirement if the related degree includes algebra, calculus, geometry, statistics, or trigonometry. It prepares students for immediate employment beyond entry level work in surveying or civil engineering firms as a crew chief or a position with similar responsibilities. Students will be prepared to perform many of the various field and office tasks related to surveying including site and topographic surveys, boundary investigation and research, map-making, various survey adjustment calculations, writing of legal property descriptions, and other survey technician duties and responsibilities.

Total Program Credits: 28

Surveying Technology Foundation		28 Credits
SURV 1020	Introduction to Surveying and Mapping WE	1
EGDT 1040	Fundamentals of Technical Engineering Drawing	3
EGDT 1400	Surveying Applications and Field Techniques I	3
SURV 1220	Remote Sensing and Photogrammetry	3
EGDT 2400	Surveying Applications and Field Techniques II	3
SURV 2310	Surveying US Public Lands	3
SURV 2320	Property Descriptions and Public Land Records	3
SURV 3340	Boundary Law	3
Approved Surveying and Mapping elective courses can be taken with the following prefixes: SURV, GIS, GEOG, EGDT, ENGR, CIVE, CMGT, MATH, or LEGL. Total of 6 credit hours		6

Graduation Requirements:

1. Completion of a minimum of 28 semester credits required for a Certificate of Completion in Surveying Technology
2. Overall grade point average 2.5 or above with a minimum of 3.0 GPA in all Surveying Technology courses. No grade lower than a "B" in all Surveying Technology Foundation courses.
3. Residency hours: Minimum of 8 credit hours of Surveying and Mapping courses through course attendance at UVU.

Surveying 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
SURV 1020	Introduction to Surveying and Mapping WE	1
EGDT 1040	Fundamentals of Tech. Eng. Drawing	3
EGDT 1400	Surveying Applications and Field Techniques I	3
SURV 1220	Photogrammetry and Remote Sensing	3
Elective		3
Semester total:		13
Semester 2	Course Title	Credit Hours
EGDT 2400	Surveying Applications and Field Techniques II	3
SURV 2310	Surveying US Public Lands	3
SURV 2320	Public Land Records and Property Descriptions	3
SURV 3340	Boundary Law	3
Elective		3
Semester total:		15
Degree total:		28