Surveying Engineering
Official Program Checksheet

Why Choose a Certificate in Surveying?

The student completing this program should be able to:

- Perform basic differential leveling in the field
- Reduce differential leveling observations
- Recognize the concept of field data collection using conventional and modern electronic data collection instruments such as an electronic total station
- Recognize the concept of field data collection using global positioning system (GPS) instruments.
- Recognize the basic concept of how to prepare a topographic map from actual survey data
- Perform traverse computations and simple traverse adjustment
- Develop an appreciation for establishing horizontal and vertical control for a small to medium size surveying project

Career Opportunities

The objective of the certificate program in surveying is simply to give the program completers a general exposure to the surveying practice and the capacity for employment with a real surveying degree.

Admission Requirements

Any person who is admitted to the University is welcome to seek the attainment of this certificate. Student must be in good standing of a 2.0 or higher GPA.

Graduation Requirements

A minimum of 50% of the total credits required must be earned at Ferris State University.

Only 6 credits can be shared with student’s major.

A minimum grade of C- is required for each course in certificate.

Cumulative GPA must be a 2.0 or higher.

More Information:
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