Why Choose Surveying Technology?
The Surveying Technology program at Ferris is designed to provide students with the skills and knowledge necessary to function as effective members of surveying field crews. Graduates have the ability to perform basic surveying calculations and create maps using different computer-assisted mapping software.

Courses cover the use of basic surveying instruments, evaluation of the accuracy of field data, production of computer drawings using surveying and mapping software, use of advanced electronic total stations, inspection of basic civil engineering materials such as soils, aggregates, portland cement and bituminous concrete, the study of laws and history of past judgments pertaining to boundary establishment, conformance with established survey standards and effective communication with clients and colleagues.

Prepare for a Great Career
Surveying technicians assist surveyors in making precise measurements of the earth's surface for the purpose of establishing property boundaries, subdividing land parcels, creating maps of land and water forms for planning, navigation and general use, and the layout and control of construction projects. Technicians are familiar with the operation of sophisticated optical and electronic surveying instruments needed for compiling this information.

Surveying technicians work for private engineering and land surveying firms assisting in the construction of roads, bridges, buildings and dams as well as making measurements to determine the location of property boundaries. They also may find jobs with local and state governmental agencies.

Prospects for advancement are excellent. There are numerous job opportunities for each graduate. Students who possess strong technical skills, management abilities and a desire for increased responsibilities can rise to supervisory positions.

Admission Requirements
Admission to the College of Technology is open to high school graduates who demonstrate academic preparedness, maturity and seriousness of purpose with backgrounds appropriate to their chosen program of studies. Among first-time students in our technical programs, the average high school GPA is 2.8, and the average ACT composite score is 20.

Students entering the Surveying Technology program must have a high school diploma with a minimum 2.0 GPA and an ACT math subscore of 19 or equivalent.

Graduation Requirements
The Surveying Technology program at Ferris leads to an associate in applied science degree. Graduation requires a minimum 2.0 GPA in core classes, in the major and overall. Students must complete all general education requirements as outlined on the General Education website.

More Information
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FERRIS STATE UNIVERSITY
COLLEGE OF TECHNOLOGY