



# Surveying

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- ▶ In partnership with Leica Geosystems, provider of state-of-the-art equipment

*Leica*  
Geosystems

- ▶ Diverse application of survey technologies across all industry sectors
- ▶ Industry lead curriculum and instructors

[nmc.edu/surveying](http://nmc.edu/surveying)



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In today's ever-changing world of technology, autonomous vehicles, construction and development there has never been more demand for surveyors. All boundaries defining ownership, road construction, housing, schools, and commercial structures, cell phone towers, fiber optic line, gas pipe line, solar panel farms, oil – gas exploration, dams, rails, bridges, mining requires the assistance of a properly trained land surveyor.

Northwestern Michigan College, in conjunction with Leica Geosystems, is prepared to train individuals to the highest level of professionalism, productivity, and responsibility to meet this growing demand.

## **Career Opportunities:**

The practice of surveying covers five major areas; boundary surveying, geodetic surveying, surveying for the design and layout of infrastructure, geographic information systems, and cartography.

Surveyors that focus on land boundary surveying are employed by private sector companies, engineering firms or government agencies.

Surveyors that concentrate on construction operations, mapping, energy exploration, or are employed by city, township, county, state or federal agencies which could include the Bureau of Land Management, county road commissions, department of transportations, U.S. National Parks, and a multitude of other government and private entities.

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