What is Land Surveying Technology?

As the illustration suggests, land surveying quite possibly goes back to the caveman.

Land surveyors measure areas and distances between property corner markers on a piece of land. The land can be in the city or the country, up on a mountain or even under water.

Today’s surveyors collect and analyze data using cutting-edge technology, including high-precision GPS equipment, 3D Laser scanning systems, robotic total stations, and intricate geographic information, data collection and data management systems.

If you’re considering a career in surveying, you should have an interest in the environment, mathematics, computers and the physical sciences. In addition, careers in surveying require adaptability and teamwork, as well as working indoors and outdoors in all weather conditions.

The Program

Macomb’s Land Surveying Technology Program offers specialty options in either Survey Field Technician or Survey Office Technician. Either specialty is designed to provide you the opportunity for entry-level and intermediate positions in the land surveying and construction industry.

The program offers both an Associate of Applied Science Degree in Land Surveying Technology and a Certificate option for those students already in the industry wishing to improve their skills.

The curriculum reflects a strong emphasis in state-of-the-art surveying instrument operation, computer-aided design drafting and procedures for advanced construction layout control.

There isn’t a parallel of latitude but thinks it would have been the equator if it had had its rights.

—Mark Twain
Employment Outlook

With an associate degree, you will be qualified for careers including survey technician and mapping technician. Median salary for these careers is $37,330 in Michigan with a 4 percent decline in openings expected through 2024. You will also be qualified for careers including assessor and real estate appraiser. Median salary for these careers is $47,020 in Michigan with 6 percent growth in openings expected through 2024.

Gainful Employment Disclosure
For information about program cost, on-time completion rates, typical student debt, and other important information, visit:
Land Surveying Technology-Office Technician, Certificate: http://www.macomb.edu/ge/LNDOFFCT/
Land Surveying, Certificate: http://www.macomb.edu/ge/LNDSURCT/

Two years at Macomb equals a tremendous savings—about $18,000—compared to attending a Michigan four-year public university. Approximately 80 percent of Macomb students leave the college DEBT FREE.