



College of Engineering
and Polymer Science
The University of Akron

SURVEYING AND MAPPING

MAP YOUR SURVEYING CAREER

The University of Akron's surveying programs include classroom, laboratory, and industry experiences to prepare students for technical and professional careers in surveying. The ABET accredited B.S. Surveying and Mapping program meets the professional surveyor license academic requirement for Ohio and for nearly all 50 states.

Students learn to manage geospatial data while using advanced technology including laser scanning, drones, precise satellite positioning, ground penetrating radar, and robotics. They learn from experienced faculty who are professional surveyors and expert practitioners how to apply knowledge in mathematics, law, and map design and develop land "detective" skills to solve challenging boundary evidence problems.

Surveyors collect field data and verify its accuracy, map features and contours for land development or roadway projects, and act as translators to interpret engineering design plans in placing line and grade stakes for new construction.

University of Akron graduates of our B.S. Surveying and Mapping program are in high demand and work for surveying and engineering consulting firms, federal, state, and local governments, construction firms, and energy and public utilities companies.

Degrees Offered:

- A.A.S. Land Surveying
- B.S. Surveying and Mapping

Ohio Professional Surveyor Pathways:

- Surveying for Civil Engineers Certificate (17 credits)
- Surveying Certificate (30 credits)

WHAT SETS US APART

- Industry partnerships keep us on the leading edge of surveying and connect students to jobs.
- Experiential learning labs provide outstanding opportunities to put knowledge into practice.

"The surveying program, national student competition, and co-op experiences have helped me to successfully build my career by gaining the knowledge to take my degree to the next level. I also attribute my success to the surveying professors, who are professional surveyors with real-life experiences."



MIKAELA MROCKOWSKI '20

Davey Resource Group



ENGINEERING EXCELLENCE SINCE 1913

We've been reaching new heights for more than a century — and we're not slowing down.

Our engineering students learn through experience. Our famed co-op program, one of the oldest in the country, provides students with paid industry experience. On average, students earn \$45,360 over three co-op rotations, all while completing their degree. Within six months of graduation, 99% of our 2023 graduates at the College found employment, attended graduate school or began military service, with an average starting salary of \$70,000.

We offer an **exceptional and inclusive education**. Our expert professors are not only leaders in their fields but are also deeply committed to your success. They are passionate about helping you achieve great things and are dedicated to supporting every student's journey in engineering.

Build medical devices, robots, race cars, rockets and more on our **design teams**, which rank among the best in the nation and world in competition. Students can also join one of our many **student organizations** such as American Society of Civil Engineers, Engineers for a Sustainable World, Gathering of Potential Surveyors, National Society of Black Engineers and Society of Women Engineers.

CONNECT WITH US!

Check out our virtual tours or make an appointment to see us in person. Email FutureEngineers@uakron.edu or visit us at uakron.edu/engineering/ce.



The B.S. in Surveying and Mapping and A.A.S. in Land Surveying programs are accredited by the Applied and Natural Science Accreditation Commission of ABET, <https://www.abet.org>, under the General Criteria and Program Criteria for Surveying, Geomatics and Similarly Named Programs.

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"The Surveying Certificate for civil engineering majors was helpful to gain surveying knowledge that would supplement a civil engineering job. While taking the Basic Surveying class that is a part of the civil engineering curriculum, I learned the benefits of the certificate and career opportunities with dual professional licensure in civil engineering and surveying. This certificate provides more opportunities for my career choices."



MEGANNE CHAPMAN '24

B.S. in Civil Engineering
Surveying for Civil Engineers Certificate

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