

WHAT CAN YOU DO WITH A DEGREE IN **LAND SURVEYING AND CIVIL ENGINEERING TECHNOLOGY?**

Our graduates are in high demand, and the demand is expected to stay strong for years to come. Many of the land surveying and civil engineering technicians working today were hired to design and update infrastructure from the late 1950s through the 1970s, and they're now retiring faster than they can be replaced.

Because there is such a strong need for our graduates, they are receiving more job offers in more diverse types of career paths than ever before.



ENTRY-LEVEL CAREERS

- Construction Engineering Technician
- Construction Inspector
- Environmental Engineering Technician
- Geotechnical Engineering Technician
- GIS Technician
- Mapping Technician
- Surveying Technician
- Transportation Engineering Technician
- Urban Development Technician



Watch the **LAND SURVEYING AND CIVIL ENGINEERING** video.

Scan QR code with a smart device to watch our video.

Watch **NDSCS CAREER VIDEOS** at
YouTube /NDSCSWILDCATS

CONTACT INFORMATION



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LAND SURVEYING AND CIVIL ENGINEERING TECHNOLOGY

Established 1958

NDSCS.EDU/SURVEYING



The North Dakota State College of Science is accredited by The Higher Learning Commission,
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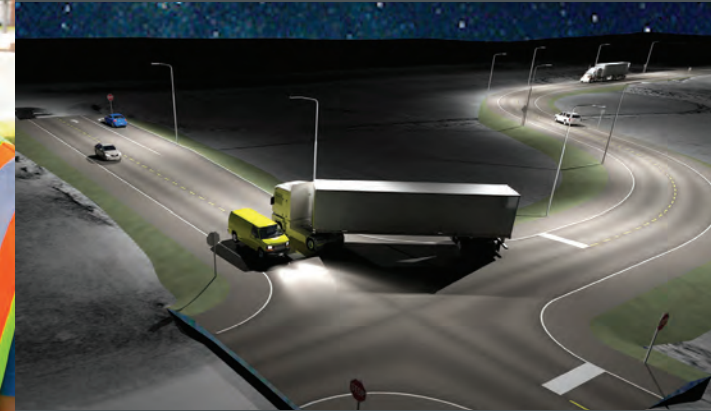
NORTH DAKOTA STATE COLLEGE OF SCIENCE

LAND SURVEYING AND CIVIL ENGINEERING TECHNOLOGY



STATE-OF-THE-ART EQUIPMENT

- GPS
- Robotic Total Stations
- Unmanned Aerial Systems
- Autodesk Civil 3D
- ESRI ArcGIS
- Pix 4D Imaging Software
- and more



LEARN FROM INDUSTRY EXPERTS

Our instructors know what they're doing and they're ready to pass their knowledge on to you.

Our faculty have years of experience in surveying, drafting and material testing. They continue to be involved in the civil work force to maintain their skills in order to demonstrate the latest industry expectations.

They also continue to engage in developing best practices and shaping the future of their industries by serving on professional boards, maintaining licenses and staying ahead of industry certification and technical requirements.

Faculty Credentials:

- Professional Land Surveyor
- FAA UAS Pilot
- Industry Civil 3D Professional

LAND SURVEYOR

Determine the boundaries of parcels of land by conducting research of previous boundary lines, measuring properties, and creating maps and topographies.

CIVIL ENGINEERING TECHNICIAN

Assist civil engineers with collecting field data, planning, and managing private and public infrastructure projects, such as highways, bridges, buildings, dams, and water and wastewater systems.



100% PLACEMENT

100 percent of the graduates from a recent class went on to continue their education or started a career. There has been an average of 15 job opportunities per graduate over the last several years.

WHAT YOU CAN EXPECT

Students learn primarily through hands-on learning experiences in five main areas:

- Land surveying
- Quality assurance
- Design drafting
- Remote Sensing
- Global Information Systems (GIS)

FOR MORE INDUSTRY INFORMATION

- **Talk** to your local civil engineering and surveying technicians about their careers. Ask what they do and what they have done.
- **Visit** with your local city or county engineers and surveyors.
- For a list of industry links, go to **NDSCS.EDU/SURVEYING**.
- **Visit** the NDSCS campus.