Program Description
In the Civil Engineering Technology program, students learn skills they can use in a career assisting Civil Engineers and Land Surveyors. The student will find a wide range of opportunities in all phases of construction, design, and surveying. The course of instruction includes route surveying, property descriptions, quantity calculations, material testings and CAD (Computer Aided Design) to design roads, building sites, and property subdivisions.

This 51-credit Diploma seamlessly transfers to the Civil Engineering Technology AAS (60 credits).

Program Outcomes
- Determine accuracy of their surveying level work
- Verify the accuracy of their total station data
- Perform standard survey calculations
- Develop Site and Highway plan sets
- Research related information in both print and electronic formats
- Set-up and create drawings using CAD

Pre-program Requirements
Successful entry into this program requires a specific level of skill in the areas of English, mathematics, and reading. Program entry will depend, in part, on meeting the prerequisites listed below:

English/Reading:
- Eligible for ENGL 1106 – College Composition I, or
- Completion of ENGL/READ 0950/0955 (or equivalent or higher). ENGL/READ 0950/0955 may be taken concurrently with Semester I coursework.

Mathematics:
- Eligible for MATH 0970 - Intermediate Algebra, or
- Completion of MATH 0950/0955 (or equivalent or higher). MATH 0950/0955 may be taken concurrently with Semester I coursework.

There are other ways to qualify. Visit Course Placement (lsc.edu/course-placement) to find out more.
Civil Engineering Technology Diploma - 51 credits
Program Area: Civil Engineering (Fall 2023)

***REMEMBER TO REGISTER EARLY***

For interpretation of test results and selection of appropriate coursework; or general information about the program, admissions, financial aid, and getting started at LSC, contact the professional advising team at: professional advising team (advising@lsc.edu) or 218-733-7601

For more information about the Civil Engineering Technology Diploma including course descriptions, course prerequisites, the program report, and potential career opportunities, see the program website (https://degrees.lsc.edu/civil-engineer-technician/)

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