Program Description
This program prepares students for many career opportunities in the transportation field including: Surveying, Roadway Design, Computer Aided Design, and Construction. Coursework emphasizes practical applications of basic engineering and surveying principles with special attention on math, drafting, surveying, materials, technical engineering science, and computer-aided design. Typical employers include private surveyors, consulting engineers, state, county and municipal engineering departments, utility companies, U.S. Army Corps of Engineers, and other federal agencies.

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 AAS - 60 credits
Program Area: Civil Engineering (Fall 2022)

***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 AAS Degree including course descriptions, course prerequisites, and potential career opportunities, see the program website (https://degrees.lsc.edu/land-surveyor/)

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