Program Description
The CNC Machine Programmer program is designed to prepare the student for employment as a CNC Machinist/Programmer. Skill development includes performing basic floor programming to produce a part to specifications, setup and operation of CNC machines, instruction in inspection and statistical process control, and program parts designed using a CAD/CAM computer system.

Program Outcomes
- Perform a basic setup and operate different types of manual metal working machines
- Write basic programs and operate different types of CNC metal working machines
- Perform mathematical calculation of shop problems
- Use basic CAD and CAM computer programs to generate CNC programs to be used on machine tools
- Interpret all basic drawings and blueprints
- Build basic machine parts and tools

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 ENLG 1106 – College Composition I, or
- Completion of ENGL/READ 0950 or 0955 (or equivalent course or higher). ENGL/READ 0955 may be taken concurrently with Semester I coursework.

Mathematics:
- A score of 250 or higher on the Arithmetic portion of the Accuplacer.

There are other ways to qualify. Visit Course Placement (lsc.edu/course-placement) to find out more.
Machine Technology CNC Programmer Diploma - 64 credits
Program Area: Integrated Manufacturing Machine Tool (Fall 2024)

***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 (advising@lsc.edu) or 218-733-7601

For more information about the Machine Technology CNC Programmer Diploma including course descriptions, course prerequisites, the program report, and potential career opportunities, see the program website (https://degrees.lsc.edu/cnc-programmer/)

or

Contact Faculty Advisor Nathan Zobel (nathan.zobel@lsc.edu) or 218-733-7732

All courses in diploma and/or certificate programs are acceptable for credit toward Lake Superior College degree programs as indicated on individual program planners. This is not a contract; Lake Superior College reserves the right to change the planner as necessary. This document is available in alternative formats upon request, by contacting Disability Services or (218) 733-7650 or MRS/TTY (800) 627-3529.