

Computer Numerically Controlled (CNC) Machinist Technology (CD)

Certificate of Development · Program Code: 106 · Credit Hours: 20 · Contact Hours: 20

Vice President: **Pete Olson**

The North Central Computer-Numerically-Controlled (CNC) Machinist Technology Certificate of Development prepares motivated students for work in modern factories, manufacturing plants and machine shops where computer numerically controlled (CNC) machines are essential pieces of equipment. In the past, workers manually controlled the heavy equipment used to cut, shape and form products from raw wood and metals. A CNC programmer / operator can now input highly-detailed instructions into a computer system that guides robotic arms and tools to perform precision machining jobs. Skilled CNC programmers or operators are able to improve the efficiency of production and the quality of finished products.

The US Department of Education requires colleges to disclose specific information about certain certificate programs. The information falls under the umbrella term "Gainful Employment" and includes, but is not limited to, graduation rates of students enrolled in the program and the median debt of students who have completed the program. Click here to view "Gainful Employment" information for this program.

http://www.ncmich.edu/registrar/GE2/CNC_Machinist_Tech/48.0510-Gedt.html

Program Requirements: 20 Credit Hours

- [COM 170 - Interpersonal Communication \(3 credit hours\)](#)
- [MFG 100 - Machine Shop Technology Foundation Level \(3 credit hours\)](#)
- [MFG 101 - Machine Shop Technology Level 1 \(3 credit hours\)](#)
- [MFG 102 - Machine Shop Technology Level 2 \(3 credit hours\)](#)
- [MFG 103 - Machine Shop Technology Level 3 \(3 credit hours\)](#)
- [MFG 104 - Machine Shop Technology Level 4 \(3 credit hours\)](#)
- [OAS 101 - Customer Service \(1 credit hour\)](#)
- [OAS 190 - Employability Skills \(1 credit hour\)](#)