

COMPUTER NUMERIC CONTROL

Certificate

The Computer Numeric Control (CNC) certificate is designed to prepare participants for jobs as computer-controlled milling machine operators for metal and plastic. Courses are taught over 2 semesters, with the first semester covering foundation skills and prerequisites for the CNC course. The second semester provides basic skills including milling, inspection, and computer aided design/computer aided manufacturing.

This certificate prepare students for entry level jobs as CNC operators. CNC Operators will continue to be in high demand as manufacturing industries continue to transform, making the production of parts and products safer, faster and more efficient.

This certificate is offered at our Rochester Campus.



Admissions Criteria:

1. Complete application to the program.
2. Provide official transcripts; High School or equivalent (GED/HiSet) and all prior college transcripts (if appropriate).

Career Possibilities:

Job Title	Average Salary
Computer-Controlled Machine Tool Operators,	\$41,060
Computer Numerically Controlled Machine Tool Programmers, Metal & Plastic	\$47,940

Your Road to *Success*

21 Credits to Complete

CNC CURRICULUM:

First Semester:

MANF 120G - Technical Blueprint Reading
MANF 135G - Technical Math for Manufacturing
MANF 230G - Manufacturing Ethics
MANF 112G - Topics in Manufacturing

Second Semester:

MANF 254G - Quality Inspection & CMM Operator
MANF 255G - CNC Milling & Set-Up Operator
MANF 225G - Solid Modeling (CAD/CAM)

Courses are subject to change. Please refer to Catalog for suggested pathway.

Students enrolled in the CNC Certificate Program may elect to enroll in the Associate Degree in Technical Studies. Dual enrollment is contingent upon active or graduate status of the certificate. Completion of the CNC certificate satisfies the requirement for the technical specialty core of the Technical Studies degree.

Health and Safety Considerations:

This program includes work in a manufacturing lab where potentially hazardous materials are used. Students will be taught industry standards for safety and will be expected to follow all safety procedures for material handling. Personal protective equipment must be worn. Students are expected to provide their own safety boots or shoes.

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TAKE THE NEXT STEP!

Apply today: greatbay.edu/admissions
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