

# COMPUTER NUMERICAL CONTROL CERTIFICATE

**Program Number:** 97-628-1  
Certificate

**Campus:** Fond du Lac

This program is **not** eligible for financial aid

Gain skills manufacturing employers are looking for and land a CNC machinist job with MPTC's Computer Numerical Control (CNC) Certificate.

## About the Program

Manufacturers seek out employees skilled in Computer Numerical Control (CNC) set up, operations and programming—increase your job opportunities with a CNC certificate.

Moraine Park's CNC Certificate is great for adults who have previously worked in the manufacturing industry and are looking for short-term training. The certificate program provides the fundamental concepts of CNC as well as hands-on coursework with computer-aided drafting (CAD) software and operation of CNC equipment.

## What You'll Learn

Moraine Park's CNC training courses are designed to give students an inside look at what it's like to be a CNC machinist through hands-on courses in technical print reading, manufacturing processes, CNC programming and operation, and metrology.

Courses are directly transferable to Moraine Park's Quality and Advanced Manufacturing Technology (<https://catalog.morainepark.edu/programs/quality-advanced-manufacturing-technology-aas/>) Associate of Applied Science degree if students wish to further their education in this field.

## Transfer Opportunities

Earn credits at MPTC and transfer to a four-year college to earn your bachelor's degree.

Visit the Transfer to a Four-Year College (<https://www.morainepark.edu/academics/transfer-information/transfer-to-a-four-year-college/>) page for more information on credit transfer agreements between Moraine Park and four-year colleges, both public and private.

## Admission Process

Standard Admissions (<http://www.morainepark.edu/admissions/new-student/how-to-apply-for-admissions/>) steps details

## Credit for Prior Learning

Earn college credit outside the classroom through Moraine Park's Credit for Prior Learning (CPL) opportunities. Credit opportunities are available for:

- Previous college coursework from prior institutions
- Military training and experience
- Passing of MPTC or national exams
- Skills or knowledge developed on the job or through other life experiences

Visit MPTC's Credit for Prior Learning (<https://www.morainepark.edu/academics/transfer-information/credit-for-prior-learning/>) page for more information.

## Approximate Costs

### Tuition

#### Occupational

- \$146.20 per credit (resident)
- \$219.30 per credit (out-of-state resident)

#### Associate of Arts/Associate of Science

- \$188.90 per credit (resident)
- \$283.35 per credit (out-of-state resident)

Online students are not charged out-of-state fees.

### Student Fees

- \$4.50 minimum per course Material Fee
- \$12.50 per-credit Supplemental Fee for Undergraduate courses
- \$10 minimum per credit Online Course Fee (Fee suspended for 2023-2024)
- \$4.50 per term mandatory Student Accident Insurance Fee

Please refer to Tuition & Fee Information (<https://catalog.morainepark.edu/admissions-registration/tuition-fee-information/>) for additional enrollment fee information.

## Course Requirements

Course	Title	Credits
<b>Semester 1</b>		
103-159	Computer Literacy - Microsoft Office	1
623-110	Technical Print Reading	2
623-162	Manufacturing Processes	3
623-191	Basic Metrology	2
628-122	Basic CNC Programming and Operation	3
628-132	Advanced CNC Programming and Operation	3
804-107 or 804-195	College Mathematics or College Algebra with Applications	3
<b>Credits</b>		<b>17</b>
<b>Total Credits</b>		<b>17</b>

## Pathways

- Quality and Advanced Manufacturing Technology Associate Degree (<https://catalog.morainepark.edu/programs/quality-advanced-manufacturing-technology/>)
  - Automated Manufacturing Technician Technical Diploma (<https://catalog.morainepark.edu/programs/automated-manufacturing-technician/>)
  - Computer Numerical Control Certificate (p. 1)
  - Manufacturing Fundamentals Certificate (<https://catalog.morainepark.edu/programs/manufacturing-fundamentals-certificate/>)
  - Quality/Supervision Certificate (<https://catalog.morainepark.edu/programs/quality-supervision-certificate/>)

Earn certificates, a technical diploma and an associate degree along this pathway. Start with some courses for entry-level employment, and continue with additional courses for higher wages and job advancement.

## Career Opportunities

Graduates will be able to operate CNC equipment for metal fabrication, tool and die shops, furniture manufacturers, apparel manufacturers and plastic manufacturers.