GAIN HANDS-ON TRAINING AND JOB-READY SKILLS THAT ARE IN HIGH DEMAND. MCC has one of the best-equipped college machining programs in New York State. Our Precision Machining certificate program provides you with first-hand experience in the most current techniques and technology, plus the opportunity to learn directly from journeyman machinists with years of professional experience. You’ll enjoy many opportunities for part-time work while you’re in the program—about 90 percent of our students hold jobs. And in just one year, you’ll graduate with a certificate and highly sought skills that prepare you for immediate employment.

PROGRAM DESCRIPTION*
This one-year certificate program is designed to prepare you for immediate employment in the precision machining industry. You’ll learn the principles and practices of precision metalworking, and then apply these skills to applications in automotive, military, aerospace, and medical industries.

Students interested in this program may also be interested in the two-year Precision Machining associate degree program or the Apprentice Training & Machine Trades program.

*There is also an accelerated option for this certificate program. Ask an academic advisor for details.

CURRICULUM OVERVIEW
Please note: Courses are subject to change. See an academic advisor for the most current curriculum requirements.

FIRST SEMESTER:
- TAM 121 Mathematics for Machinists I
- TAM 131 Machine Shop Print Reading I
- TAM 101 Machine Shop Theory I
- TAM 141 Machine Shop Lab
- TAM 105 Machine Project Lab OR Program Technical Elective

SECOND SEMESTER:
- TAM 123 Mathematics for Machinists II
- TAM 132 Machine Shop Print Reading II
- TAM 139 Machine Shop Theory II
- TAM 142 CNC-Mill Set-up OR
- TAM 143 CNC-Lathe Set-up
- TAM 205 CNC Machining Project Lab
- PROGRAM GENERAL ELECTIVE OR
- PROGRAM TECHNICAL ELECTIVE
- ENG 101 College Composition OR
- ENG 200 Advanced Composition OR
- CRC 101 Practical Computer Literacy

Total Credits: 32-33
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• MWI, Inc.
• Brinkman Precision
• Optimax Systems
• Cooper Vision
• Rochester Precision Optics
• Gleason Corporation

Your job title could be:

• Computer-Controlled Machine Tool Operator—Metal and Plastic/Optician
• Machinist—Optical, Aircraft, or Automotive
• First-Line Supervisor of Production and Operating Workers
• Machine Builder

Average starting salary: $33,000 per year.

A STRONG START—ACADEMICALLY AND FINANCIALLY!
MCC’s low tuition ($2,050 per semester) plus financial aid opportunities help make a high-quality education affordable. You could qualify for federal grants, workforce grants, scholarships, and more. Visit www.monroecc.edu/go/finaid or call 585.292.2050.

AMONG THE BEST COMMUNITY COLLEGES
MCC is part of the State University of New York (SUNY) and recognized as being among the 19 most innovative community colleges in the United States as a member of the League for Innovation in the Community College. The League’s members demonstrate educational leadership in academics, technology, workforce development, and administration.

FIND OUT MORE
To learn more about MCC, visit us on the web at www.monroecc.edu. Apply today at admissions.monroecc.edu or contact the Admissions Office at 585.292.2200 to schedule a visit.