



CNC Setup and Operations

CERTIFICATE

Program Code: 61-420-3

Downtown Milwaukee and Oak Creek campuses

This is an accelerated, stand-alone short-term certificate to help students get into the workforce faster in a specific part of the machining field. Workplace opportunities will depend on which machines the student will be able to run based on the training received.

Admission Requirements

- A high school diploma or GED recommended

After completing this certificate, your credits can be applied toward earning the Machine Tool Operations technical diploma, Computer Numerical Control (CNC) Technician technical diploma or the Tool and Die Making technical diploma.

COURSES

Credits

MACHTL-309	Manual Vertical Milling Machine 1 ...	3
MACHTL-310	Manual Vertical Milling Machine 2 ±	3
MACHTL-360	Metrology	1
MACHTL-384	Machine Trades Mathematics 1	1
MDRAFT-385	Machine Blueprint Reading 1	1
MACHTL-304	Introduction to CNC Programming ±	1
MACHTL-322	Introduction to CNC Vertical Machining Centers ±	4
MACHTL-385	Machine Trades Mathematics 2 ±	1
MDRAFT-386	Machine Blueprint Reading 2 ±	1

TOTAL CREDITS: 16

± Prerequisite required.

Program curriculum requirements are subject to change.

Current MATC students should consult their [Academic Program Plan](#) for specific curriculum requirements.



Manufacturing, Construction & Transportation
MILWAUKEE AREA *Technical College*

For complete information, go to
matc.edu/course-catalog/manufacturing-construction-transportation

A Quick Study

MATC certificate programs provide focused, career-centered learning and many can be completed in one semester. They fulfill the needs of local businesses and have the input of industry professionals. Certificate programs train you for specific skills that are in demand, improving your odds of getting the job.

Explore MATC's Certificate Programs

- Strengthen core skills
- Add traction to your résumé
- Enhance your employability
- Try out a new career
- Earn credits toward a related associate degree or technical diploma
- Ease back into college if you have been away for a while

All credits in certificate programs must be earned at MATC with a 2.0 cumulative GPA or higher.

Upon completion of the certificate's requirements, the student's transcript is notated with the credential earned.

Some certificates can be earned while completing associate degrees and/or technical diplomas that are eligible for financial aid. Certificate programs alone are not eligible for financial aid; contact MATC for details.

Possible Careers

- CNC Machine Operator
- Tool and Die Maker
- Apprenticeship

Related Programs

- Computer Numerical Control (CNC) Technician
- Machine Tool Operations
- Tool and Die Making



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matc.edu or 414-297-MATC
Wisconsin Relay System 711

Downtown Milwaukee Campus

700 West State Street

Mequon Campus

5555 West Highland Road

Oak Creek Campus

6665 South Howell Avenue

West Allis Campus

1200 South 71st Street

MATC Education Center at Walker's Square

816 West National Avenue, Milwaukee