



DUAL ENROLLMENT ACADEMY

FOR HIGH SCHOOL SENIORS



2026-27
ACADEMIC YEAR

CNC/MACHINING TECHNICIAN

Fall Semester - Oak Creek Campus, Spring Semester - Downtown Milwaukee Campus

Through hands-on learning experiences, students will develop skills for machine tool operations. Includes preparation for National Institute for Metalworking Skills (NIMS) certification.

About

Dual Enrollment Academy (DEA) participants receive college-level training to begin careers in high-demand fields. Throughout their senior year, DEA students earn high school and college credits while spending the majority of their school day at MATC. The DEA is designed for students attending high schools within MATC's district.

Student Eligibility Requirements

- Be a 2026-27 high school senior
- Have a counselor recommendation
- Have a high school GPA of 2.0 or higher
- Be in good academic standing and on track to graduate from high school
- Have 90% attendance record in high school (exceptions made for illness)

FOR MORE INFORMATION

Contact Megan Poytinger
poytingm@matc.edu | 414-297-8686

Classes are held at MATC's Downtown Milwaukee Campus and Oak Creek Campus. Classes may change from face-to-face to virtual, hybrid and/or online. Program curriculum requirements are subject to change.

SEMESTER 1

MATC COURSES		CREDITS
MACHTL-360	Metrology	1
MACHTL-367	Machine Tool Technology	1
MACHTL-384	Machine Trades Math 1	1
MDRAFT-385	Machine Blueprint 1	1
MACHTL-300	Engine Lathe 1 (Turning)	3
MACHTL-301	Engine Lathe 2 (Turning)	3
MACHTL-309	Manual Vertical Milling Machine 1	3
MACHTL-310	Manual Vertical Milling Machine 2	3
ENG-340	Workplace Communication	2

SEMESTER 2

MATC COURSES		CREDITS
MACHTL-304	Introduction to CNC Programming	1
MACHTL-385	Machine Trades Mathematics 2	1
MACHTL-391	Quality Control	1
MDRAFT-386	Machine Blueprint Reading 2	1
MACHTL-320	Introduction to CNC Turning Centers	4
MACHTL-322	Introduction to CNC Vertical Machining Centers	4
MACHTL-325	Surface Grinding	4
ENG-195	Written Communication	3

TOTAL PROGRAM CREDITS

37



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Downtown Milwaukee Campus
Oak Creek Campus

Student Benefits

- High school seniors earn college credits and high school credits
- Students may earn an industry-recognized credential upon program completion
- Students attain an introduction to the college experience
- MATC offers virtual learning and hands-on experiences, and students benefit from their instructors' professional industry experience
- Credits earned through DEA can be applied to MATC programs in the future, which shortens the time and reduces the cost to complete a technical diploma or associate degree

Cost

Please contact your high school for parameters on tuition and books.

Tuition: \$7,728.32*

Books: \$1,058.605*

*2025-26 fees shown; 2026-27 fees may increase slightly. MATC's DEA Grant will cover all costs associated with the academy above the 18th credit.

CNC TECHNICIAN PATHWAY

Machine Tool Operations Technical Diploma

Students will earn the Machine Tool Operations Technical Diploma upon successful completion of the academy.

EARNED IN DEA

CNC Technician Technical Diploma

Gain hands-on experience in all phases of programming and operations. MATC's equipment includes industrial-based CNC machining centers and computer-aided design/computer-aided manufacturing (CAD/CAM) workstations.

REMAINING CREDITS: 32

Registered Apprenticeship



**MANUFACTURING,
CONSTRUCTION
AND TRANSPORTATION**

**YOUR MATC CREDITS
ADD UP FOR YOUR FUTURE**



MATC.EDU | 414-297-MATC | WISCONSIN RELAY SYSTEM 711
DOWNTOWN MILWAUKEE | MEQUON | OAK CREEK | WALKER'S SQUARE | WEST ALLIS



Milwaukee Area Technical College is an Affirmative Action/Equal Opportunity Institution and complies with all requirements of the Americans With Disabilities Act. MATC is accredited by the Higher Learning Commission, Commission on Institutions of Higher Education, the national standard in accrediting colleges and schools for distinction in academics and student services.