



Carpentry

TECHNICAL DIPLOMA

Program Code: 31-410-1

Oak Creek Campus and the MATC Education Center at Walker's Square

This program prepares you for working on residential and commercial structures. You will learn about reading construction blueprints, the various materials and fasteners used, and the fundamental techniques used in wood-frame construction.

Career Outlook

As residential and commercial structures continue to be built and remodeled, there is a steady demand for carpenters.

This program features exploratory courses that count toward a credential. Contact an MATC advisor for information.

Program Learning Outcomes

- Use hand and power tools and equipment
- Apply industry-recognized safety practices and procedures
- Analyze sustainable building practices
- Interpret construction drawings
- Interpret building codes
- Demonstrate industry building practices and material application

Admission Requirement

- A high school diploma or GED



Manufacturing, Construction & Transportation
MILWAUKEE AREA Technical College

matc.edu | 414-297-MATC

Start date: August

For complete information, go to

matc.edu/course-catalog/manufacturing-construction-transportation

To apply for financial aid, visit fafsa.gov School Code: 003866

COURSES

Credits

CABMIL-340	Millwork for Carpenters ‡.....	2
CARP-301	House Framing ‡.....	5
CARP-304	House Framing Fundamentals ‡.....	3
CARP-351	Building Materials ‡.....	1
CARP-385	Blueprint Reading 1 ‡.....	2
CONSTR-302	OSHA Safety/CPR for the Trades ‡..... (or) CARP-302 OSHA/First Aid	1
CONSTR-380	Mathematics for Construction Trades (or) CARP-380 Arithmetic for Carpenters	1
ENG-340	Workplace Communication (or) ENG-195 Written Communication ‡	2
CABMIL-341	Millwork Techniques ‡.....	2
CARP-303	Roof Framing.....	5
CARP-306	Exterior and Interior Finishing ‡.....	5
CARP-315	Energy Efficiency in Residential Construction.....	1
CARP-383	Quantity Survey ‡.....	2
CARP-387	Commercial Blueprint Reading ‡.....	1

TOTAL CREDITS: 33

‡ Prerequisite required.

Program curriculum requirements are subject to change.

**Current MATC students should consult their
Academic Program Plan for specific curriculum
requirements.**

Possible Careers

- Carpenter
- Carpenter Apprentice
- Finish Carpenter
- Form Carpenter
- Rough Carpenter

Related Programs

- Architectural Woodworking/
Cabinetmaking
- Bricklaying
- Preparatory Plumbing



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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