



# 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**

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 ‡.....1 (or) CARP-302 OSHA/First Aid
CONSTR-380	Mathematics for Construction Trades .....1 (or) CARP-380 Arithmetic for Carpenters
ENG-340	Workplace Communication .....2 (or) ENG-195 Written Communication ‡
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