Carpentry

TECHNICAL DIPLOMA

Program Code: 31-410-1 | Downtown Milwaukee, Oak Creek campuses

Get the foundation to build new opportunities. This two-semester program prepares you for working on residential and commercial structures. Students will learn about reading construction blueprints, the various materials and fasteners used, and the fundamental techniques and procedures used in wood-frame construction. Practical experience is given in the use of power and hand tools.

Workplace Competencies

Employers expect graduates to:
- Read blueprints and follow directions
- Identify construction materials and use those materials properly
- Climb ladders and work on scaffolds
- Use power saws and other construction equipment
- Assemble materials according to layout markings

Career Outlook

As residential and commercial structures continue to be built and remodeled, there is a need for carpenters. Graduates of the program may obtain employment as carpenters, carpenter apprentices, rough carpenters, form carpenters and finish carpenters.

Admission Requirements

- A high school diploma or GED
- Demonstration of proficiency in basic skills through a course placement assessment

Start date: August
### Carpentry Curriculum

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CABMIL-340</td>
<td>Millwork for Carpenters ‡</td>
<td>2</td>
</tr>
<tr>
<td>CARP-301</td>
<td>House Framing ‡</td>
<td>5</td>
</tr>
<tr>
<td>CARP-302</td>
<td>OSHA/First Aid ‡</td>
<td>1</td>
</tr>
<tr>
<td>CARP-304</td>
<td>House Framing Fundamentals ‡</td>
<td>3</td>
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<tr>
<td>CARP-351</td>
<td>Building Materials ‡</td>
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<tr>
<td>CARP-380</td>
<td>Arithmetic for Carpenters ‡</td>
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<tr>
<td>CARP-385</td>
<td>Blueprint Reading 1 ‡</td>
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<tr>
<td>SOCSCI-330</td>
<td>Applied Economics &amp; Human Relations ...</td>
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<tr>
<td>CABMIL-341</td>
<td>Millwork Techniques ‡</td>
<td>2</td>
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<tr>
<td>CARP-303</td>
<td>Roof Framing</td>
<td>5</td>
</tr>
<tr>
<td>CARP-306</td>
<td>Exterior and Interior Finishing ‡</td>
<td>5</td>
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<tr>
<td>CARP-383</td>
<td>Quantity Survey ‡</td>
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<tr>
<td>CARP-387</td>
<td>Commercial Blueprint Reading ‡</td>
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<tr>
<td>ENG-345</td>
<td>Communications 1</td>
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**Total Credits: 32**

‡ Prerequisite required.
Program curriculum requirements are subject to change.

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**Possible Careers**
- Carpenter
- Carpenter Apprentice
- Finish Carpenter
- Form Carpenter

**Related Programs**
- Architectural Woodworking/Cabinetmaking
- Bricklaying
- Preparatory Plumbing

For more information: 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