



**Start date:** August

# Preparatory Plumbing

**TECHNICAL DIPLOMA**

**Program Code: 30-427-1 | MATC Education Center at Walker's Square**

This program prepares students for a plumbing apprenticeship, and offers the basic knowledge and skills similar to parts of an apprentice's first year of training. As a program graduate applying for an apprenticeship, you will be able to demonstrate your commitment to the trade, and will possess entry-level skills for a plumbing apprenticeship. This program is also appropriate for individuals interested in other piping trades. Classes are at the MATC Education Center at Walker's Square, 816 West National Avenue, Milwaukee.

## Career Outlook

State law requires that only properly licensed plumbers be permitted to install and repair plumbing systems in dwellings, structures and businesses, and these services are in demand.

## Workplace Competencies

Employers will expect graduates to:

- Identify various piping materials and fittings
- Effectively utilize hand tools and power tools related to the trade
- Calculate various piping offset dimensions
- Sketch and read simple plumbing systems drawings

## Admission Requirements

- A high school diploma or GED
- Demonstration of proficiency in basic skills through a course placement assessment
- Shop practice and drafting learned either in school or employment setting
- Ability to drive and possession of a valid driver's license

 **MILWAUKEE AREA Technical College**  
School of **TECHNOLOGY** and **APPLIED SCIENCES**

[matc.edu](http://matc.edu) | 414-297-MATC



## Preparatory Plumbing Curriculum

### Credits

<b>MATH-308</b>	Math for Industrial Applications 1.....	2
<b>PLUMB-300</b>	Plumbing Theory 1.....	3
<b>PLUMB-301</b>	Applied Drawing for Plumbers 1.....	2
<b>PLUMB-302</b>	Plumbing and Piping Shop 1.....	3
<b>PLUMB-308</b>	Plumbing and Pipe Joining Process 1.....	2
<b>PLUMB-310</b>	First Aid/Safety in Plumbing.....	1
<b>PLUMB-312</b>	Computer Application/Plumbing.....	1
<b>ENG-341</b>	Applied Communications.....	2
<b>MCDESG-120</b>	Basic AutoCAD ‡.....	1
<b>PLUMB-304</b>	Plumbing Theory 2 ‡.....	3
<b>PLUMB-305</b>	Plumbing and Pipe Joining Process 2 ‡.....	2
<b>PLUMB-306</b>	Plumbing and Piping Shop 2 ‡.....	3
<b>PLUMB-309</b>	Applied Drawing for Plumbers 2 ‡.....	2

**TOTAL CREDITS: 27**

‡ Prerequisite required.  
Curriculum requirements are subject to change.

**For complete information, go to  
[matc.edu/tas/index.cfm](http://matc.edu/tas/index.cfm)**

To apply for financial aid, visit [fafsa.ed.gov](http://fafsa.ed.gov)  
School Code: 003866

## Possible Careers

- Licensed Plumber
- Plumber
- Plumbing Apprentice

## Related Program

- Plumbing Apprenticeship



For more information:  
[matc.edu](http://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