

# Preparatory Plumbing

PROGRAM CODE: 31-427-1



Technical Diploma



COURSES	CREDITS
CIVIL-308 Computer Applications for the Trades.....	1
MATH-308 Math for Industrial Applications 1 ‡.....	2
PLUMB-300 Plumbing Theory 1 .....	3
PLUMB-301 Applied Drawing for Plumbers 1 .....	2
PLUMB-302 Plumbing and Piping Shop 1 .....	3
PLUMB-308 Plumbing and Pipe Joining Process 1 .....	2
CONSTR-302 OSHA Safety/CPR for the Trades ‡ .....	1
ENG-340 Workplace Communication .....	2
(or) ENG-195 Written Communication ‡	
MCDESG-120 Basic AutoCAD .....	1
PLUMB-304 Plumbing Theory 2 ‡ .....	3
PLUMB-305 Plumbing and Pipe Joining Process 2 ‡ .....	2
PLUMB-306 Plumbing and Piping Shop 2 ‡ .....	3
PLUMB-309 Applied Drawing for Plumbers 2 ‡ .....	2

**Location:** MATC Education Center at Walker's Square

**Start Date:** August

**Admission Requirement:** High school diploma or equivalent. This program admits students through a waiting list process. Visit the program's webpage at [matc.edu](http://matc.edu) to view the waiting list process and all requirements.

**Academic Preparedness Requirements:** Shop practice and drafting learned either in school or employment setting. Ability to drive and possession of a valid driver's license.

**Financial Aid Eligible:** Yes. Use code 003866 at [afsa.gov](http://afsa.gov).

## CREDITS

Total credits needed to complete this diploma

# 27

‡ Prerequisite required.

Program curriculum requirements are subject to change.

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

MATC courses are offered in person, entirely online or partially online.

Check each course's delivery options in Self-Service at [selfservice.matc.edu](http://selfservice.matc.edu).

## Program Description

This program prepares students for a plumbing apprenticeship. As a 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 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

There is a strong demand for the services of licensed plumbers.

## Program Learning Outcomes

- Identify various piping materials and fittings.
- Utilize hand tools and power tools related to the trade.
- Follow directions related to the trade.
- Calculate various piping off set dimensions.
- Sketch and read simple plumbing systems drawings.



**Complete Program Details**

**QUESTIONS?** 414-297-8901 or [mctpathway@matc.edu](mailto:mctpathway@matc.edu)