If you are a good problem solver, strong communicator and are dedicated to getting the job done, a career in the plumbing industry may be right for you. Plumbers are tasked with installing, repairing and maintaining water pipes, and they have a thorough understanding of building codes, knowledge of blueprint reading and insight into water conservation techniques.

About This Program
Learn to install, troubleshoot and maintain plant lighting equipment and receptacle circuits, motors, starters, motor control centers, programmable controllers, control panels, electrical control systems and transformers. Learn to service high voltage electrical systems in accordance with relevant codes. Learn to install, calibrate, test and repair electronic equipment.

What Makes This Program Unique
• Earn while you learn. Upon completion, apprentices have little to no educational debt and have been working their employer for multiple years.
• This is a niche industry, with many employers seeking apprenticeships with this specific skillset.
• Become an ideal candidate to work in high-production industrial settings with constant quality control and calibration needs.

Career Salaries
$46,000 - $67,000 annually
Salary range estimates based on wages for related occupations in Waukesha County as reported by Economic Modeling Specialists International (EMSI). Individual wages may vary based on experience, industry, location and specific job requirements.

Potential Careers
• Industrial Electrician
• Journeyworker
• Master Electrician
• Electrical Engineer
• Electrical Engineer

PROGRAM CODE 50-414-2
Credits
413-510 IE Apprentice Code Review 1
413-523 Industrial Data Communication2
413-524 IE DC Circuit Analysis 1.5
413-525 IE AC Circuit Analysis 1.5
413-526 NEC Overview 1
413-527 IE Transformers 1.5
413-528 IE Motors and Generators 1.5
413-529 NEC In Depth 1
413-533 IE Raceways Control Drawings 1.5
413-534 IE Electronics 1.5
413-535 NEC NFPA 70 and 79 1
413-536 IE Electromechanical Control 1 2
413-537 IE Electromechanical Control 2 2
413-538 IE Variable Speed Drives 1 2
413-539 IE Variable Speed Drives 2 2
413-540 IE PLC 1 1.5
413-541 IE PLC 2 1.5
414-722 E&I Troubleshooting Elec Sys 1
414-725 E&I Intro Indus Automated Sys 1
414-726 E&I Instrumentation Proc Ctrl 2
414-727 E&I Measurement and Process 2
414-728 E&I Appl Process Ctrl Capstone2
419-501 Apprentice Hydraulics 1
419-502 Pneumatics for Apprentices 1