

Plumbing Apprenticeship Program Courses

Course	Credits	Total Class Hours
<p>Plumbing 1 Related Provides the apprentice with the skills to properly design and size sanitary drain and vent plumbing systems.</p>	2	72
<p>Plumbing 2 Related Provides the apprentice with the skills to properly design and size privately owned wastewater treatment systems.</p>	2	72
<p>Plumbing 3 Related Provides the apprentice with the skills to properly design and size water supply systems.</p>	2	72
<p>Plumbing 4 Related Provides the apprentice with the skills to properly design and install plumbing systems, including trap and fixture connections, indirect and local wastes, interceptors and catch basins, cleanouts, storm and clear water waste piping, and pipe hangers.</p>	2	72
<p>Plumbing 5 Related Introduces the apprentice to various sections of the Wisconsin Administrative Plumbing Code including, but not limited to, definitions, testing and maintenance, basic plumbing principles, and healthcare facilities.</p>	2	72
<p>Plumbing 6 Related Provides the apprentice with the skills to properly identify, prevent, and correct cross connections in the potable water supply.</p>	2	72
<p>Plumbing 7 Related Provides the apprentice with the application of the state code as it affects private water sewage systems. It introduces Wisconsin Statute 145 and other national codes as applicable.</p>	1	72
Total	13	504

Additional Courses

Course	Total Hours
<p>Gas Piping for Plumbers Apprentices will study the basic principles of pipe sizing for gas as well as codes and regulations.</p>	18
<p>Drafting for Plumbers Provides the knowledge of basic pipe drafting; including graphic symbols, scale rule use, and isometric oblique drawings.</p>	20
<p>Plumbing Applications Covers the basic fundamentals of joints and connections, hydraulics and pneumatics, plumbing and the environment.</p>	36
<p>Plumbers / Service & Repair Introduces the apprentice to the fundamentals of service repair in the plumbing industry.</p>	36
<p>Welding Provides the fundamentals of both arc and oxyacetylene welding of mild steel; with limited instruction in brazing, cast iron welding, manual flame-cutting and manual arc-cutting.</p>	36
<p>OSHA Safety Construction Provides a wide range of OSHA safety that is necessary in construction training requirements that will be covered in 30 hours.</p>	30
<p>Construction Blueprint Reading Apprentices will learn types of blueprints, interpret symbols, study elevation, floor plans, scaling, dimensions, plot plans, and construction materials.</p>	36
<p>Surveying Construction Trades Covers the basic use of the builders level (transit) which is used in various trades; i.e., carpentry, plumbing, bricklaying, cement mason.</p>	36
<p>Medic First Aid Provides basic first aid knowledge and care in adult CPR, choking aid, and emergency care.</p>	8
<p>Medic First Aid Recertification Reviews the seven basic skills of first aid including CPR.</p>	4
<p>Transition to Trainer *</p>	8

Apprentices will explore the skills necessary to be an effective trainer, discover how to deliver hands-on training, and examine the process for giving useful feedback.

*Required