

PLUMBERS AND STEAMFITTERS LOCAL 157

APPRENTICESHIP CLASSES 2022 - 2023 SCHOOL YEAR

Holidays: No Classes

Labor Day	September 5th
Veterans Day	November 11th
Thanksgiving	November 24th & 25th
Christmas	December 23rd thru January 1st

A1 - Monday / Tuesday

08/29 - 09/27	<u>OSHA 30 / SAFE SHOP PRACTICES</u>	(31.5 Hours - 4.5 Weeks)
	● Apprentices become familiar with typical jobsite tools and earn OSHA 30 certification.	
10/3 - 11/8	<u>Labor History</u>	(42 Hours - 6 Weeks)
	● Apprentices study the history of organized labor in the United States.	
11/14 - 11/29	<u>Finance</u>	(21 Hours - 3 Weeks)
	● Apprentices study good personal finance practices.	
12/5 - 2/14	<u>Math I & II</u>	(70 Hours - 10 Weeks)
	● Apprentices study Algebra & Trigonometry as they relate to the Pipe Trades.	
2/20 - 3/14	<u>Solder/Braze</u>	(28 Hours - 4 Weeks)
	● Apprentices study and perform hands-on solder and brazing processes.	
3/20 - 5/16	<u>Weld 1</u>	(63 Hours - 9 Weeks)
	● Apprentices are introduced to welding machines and hands-on techniques.	

(255.5 hours and 36.5 weeks)

A2 - Monday / Tuesday

- | | | |
|-------------------------------------|--|---------------------------|
| 8/29 - 1/24 | <u>Weld II</u> | (143.5Hours - 20.5 Weeks) |
| | ● Apprentices begin learning pipe welding with 610 & 7018 welding rods on 6" pipe. | |
| 1/30 - 4/4 | <u>Drafting/Blueprint</u> | (70 Hours - 10 Weeks) |
| | ● Apprentices study drawing techniques to assist in visualization and blueprint reading. | |
| 4/10 - 5/16 | <u>Science & Basic Electricity</u> | (42 Hours - 6 Weeks) |
| | ● Apprentices study the scientific principles as they apply to piping systems and electricity. | |
| <i>(255.5 hours and 36.5 weeks)</i> | | |

A3 - Wednesday / Thursday

- | | | |
|-------------------------------------|---|--------------------------|
| 8/31 - 10/6 | <u>Human Relations</u> | (42 Hours - 6 Weeks) |
| | ● Apprentices study proper interaction techniques of people in the workplace. | |
| 10/12 - 11/23 | <u>Instrumentation Tube Bending</u> | (45.5 Hours - 6.5 Weeks) |
| | ● Apprentices study Level 1 instrumentation to obtain a Level 1 certification. | |
| 11/30 - 2/23 | <u>Piping Fabrication</u> | (84 Hours - 12 Weeks) |
| | ● Apprentices study layout and pipe fitting techniques as they apply to working in the field. | |
| 3/1 - 5/18 | <u>Weld III</u> | (84 Hours - 12 Weeks) |
| | ● Apprentices continue pipe welding training aimed toward certification. | |
| <i>(255.5 hours and 36.5 weeks)</i> | | |

A4 - Wednesday / Thursday

8/31 - 3/2	<u>Weld IV</u>	(178.5 Hours - 25.5 Weeks)
	<ul style="list-style-type: none">● Apprentice continue the study of pipe welding aimed toward certification.	
3/8 - 4/6	<u>Pumps & Steam</u>	(35 Hours - 5 Weeks)
	<ul style="list-style-type: none">● Apprentices study the various pumps used in the piping industry and the principles of steam piping systems.	
4/12 - 5/18	<u>Technical Writing</u>	(42 Hours - 6 Weeks)
	<ul style="list-style-type: none">● Apprentices study the transfer of information through writing as it applies to the workplace.	
<i>(255.5 hours and 36.5 weeks)</i>		

A5 - Monday / Tuesday

8/29 - 10/11	<u>Industrial Rigging/Signaling</u>	(45.5 Hours - 6.5 Weeks)
	<ul style="list-style-type: none">● Apprentices study Backflow for certification.	
10/17 - 12/20	<u>Indiana Plumbing Code</u>	(70 Hours - 10 Weeks)
	<ul style="list-style-type: none">● Apprentices study plumbing code in preparation for passing the State Plumbing License exam.	
1/2 - 3/7	<u>Plumbing Fixtures</u>	(70 Hours - 10 Weeks)
	<ul style="list-style-type: none">● Apprentices study plumbing drains and vents and begin plumbing code certification.	
3/13 - 4/11	<u>Backflow</u>	(35 Hours - 5 Weeks)
	<ul style="list-style-type: none">● Apprentices study Backflow for certification.	
4/17 - 5/16	To Be Determined	(35 Hours - 5 Weeks)
	<ul style="list-style-type: none">●	
<i>(255.5 hours and 36.5 weeks)</i>		

HVAC Classes

A1 - Monday / Tuesday

08/29 - 09/27	<u>OSHA 30 / SAFE SHOP PRACTICES</u>	(31.5 Hours - 4.5 Weeks)
	<ul style="list-style-type: none">● Apprentices become familiar with typical jobsite tools and earn OSHA 30 certification.	
10/3 - 11/8	<u>Labor History</u>	(42 Hours - 6 Weeks)
	<ul style="list-style-type: none">● Apprentices study the history of organized labor in the United States.	
11/14 - 11/29	<u>Finance</u>	(21 Hours - 3 Weeks)
	<ul style="list-style-type: none">● Apprentices study good personal finance practices.	
12/5 - 2/14	<u>Math I & II</u>	(70 Hours - 10 Weeks)
	<ul style="list-style-type: none">● Apprentices study Algebra & Trigonometry as they relate to the Pipe Trades.	
2/20- 4/11	<u>EPA 608</u>	(56 Hours - 8 Weeks)
	<ul style="list-style-type: none">● Apprentices study climate control and take their EPA certification test.	
4/17 - 5/16	<u>Braze UA 51</u>	(35 Hours - 5 Weeks)
	<ul style="list-style-type: none">●	
		<i>(255.5 hours and 36.5 weeks)</i>

A2 - Monday / Tuesday

8/29 - 10/4	<u>Science & Basic Electricity</u>	(38.5 Hours - 5.5 Weeks)
	<ul style="list-style-type: none">● Apprentices learn the basics of electricity.	
10/10 - 1/24	<u>Circuits Controls</u>	(105 Hours - 15 Weeks)
	<ul style="list-style-type: none">● Apprentices learn the different controls pertaining to the Refrigeration process.	
1/30 - 4/4	<u>Drafting / Blueprint</u>	(70 Hours - 10 Weeks)
	<ul style="list-style-type: none">● Apprentices study drawing techniques to assist in visualization and blueprint reading.	
4/12 - 5/18	<u>Technical Writing - Wednesday / Thursday</u>	(42 Hours - 6 Weeks)
	<ul style="list-style-type: none">● Apprentices study the transfer of information through writing as it applies to the workplace.	
		<i>(255.5 hours and 36.5 weeks)</i>

A3 - Wednesday / Thursday

8/31 - 10/6	<u>Human Relations</u>	(42 Hours - 6 Weeks)
	<ul style="list-style-type: none">● Apprentices study proper interaction techniques of people in the workplace.	
10/12 - 1/26	<u>A/C Refrigeration 1</u>	(101.5 Hours - 14.5 Weeks)
	<ul style="list-style-type: none">● Apprentices learn step 1 of Refrigeration process.	
2/1 - 5/18	<u>A/C Refrigeration 2</u>	(112 Hours - 16 Weeks)
	<ul style="list-style-type: none">● Apprentice continue the study of Refrigeration process.	
<i>(255.5 hours and 36.5 weeks)</i>		

A4 - Wednesday / Thursday

8/31 - 9/15	<u>Instrumentation</u>	(21 Hours - 3 Weeks)
	● Apprentices study instrumentation to obtain certification.	
9/21 - 5/18	<u>Heating / Cooling Systems</u>	(234.5 Hours - 33 Weeks)
	●	
	<i>(255.5 hours and 36.5 weeks)</i>	

A5 - Monday / Tuesday

8/31 - 10/13	<u>Industrial Rigging/Signaling-Wednesday/Thursday</u>	(42 Hours - 6 Weeks)
	● Apprentices study & review their HVAC knowledge and take an Evaluation Test.	
10/19 - 5/18	<u>HVAC Star</u>	(210 Hours - 30 Weeks)
	●	
	<i>(252 hours and 36 weeks)</i>	