

# HVAC Classes

## A1 - Monday / Tuesday

- 08/29 - 09/27      **OSHA 30 / SAFE SHOP PRACTICES**      (31.5 Hours - 4.5 Weeks)
- Apprentices become familiar with typical jobsite tools and earn OSHA 30 certification.
- 10/3 - 11/8      **Labor History**      (42 Hours - 6 Weeks)
- Apprentices study the history of organized labor in the United States.
- 11/14 - 11/29      **Finance**      (21 Hours - 3 Weeks)
- Apprentices study good personal finance practices.
- 12/5 - 2/14      **Math I & II**      (70 Hours - 10 Weeks)
- Apprentices study Algebra & Trigonometry as they relate to the Pipe Trades.
- 2/20- 4/11      **EPA 608**      (56 Hours - 8 Weeks)
- Apprentices study climate control and take their EPA certification test.
- 4/17 - 5/16      **Braze UA 51**      (35 Hours - 5 Weeks )
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- (255.5 hours and 36.5 weeks)*

## A2 - Monday / Tuesday

- 8/29 - 10/4      **Science & Basic Electricity**      (38.5 Hours - 5.5 Weeks)
- Apprentices learn the basics of electricity.
- 10/10 - 1/24      **Circuits Controls**      (105 Hours - 15 Weeks)
- Apprentices learn the different controls pertaining to the Refrigeration process.
- 1/30 - 4/4      **Drafting / Blueprint**      (70 Hours - 10 Weeks)
- Apprentices study drawing techniques to assist in visualization and blueprint reading.
- 4/12 - 5/18      **Technical Writing - Wednesday / Thursday**      (42 Hours - 6 Weeks)
- Apprentices study the transfer of information through writing as it applies to the workplace.
- (255.5 hours and 36.5 weeks)*

## A3 - Wednesday / Thursday

8/31 - 10/6      Human Relations      (42 Hours - 6 Weeks)

- Apprentices study proper interaction techniques of people in the workplace.

10/12 - 1/26      A/C Refrigeration 1      (101.5 Hours - 14.5 Weeks)

- Apprentices learn step 1 of Refrigeration process.

2/1 - 5/18      A/C Refrigeration 2      (112 Hours - 16 Weeks)

- Apprentice continue the study of Refrigeration process.

*(255.5 hours and 36.5 weeks)*

## A4 - Wednesday / Thursday

8/31 - 9/15      Instrumentation      (21 Hours - 3 Weeks)

- Apprentices study instrumentation to obtain certification.

9/21 - 5/18      Heating / Cooling Systems      (234.5 Hours - 33 Weeks)

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*(255.5 hours and 36.5 weeks)*

## A5 - Monday / Tuesday

8/31 - 10/13      Industrial Rigging/Signaling-Wednesday/Thursday      (42 Hours - 6 Weeks)

- Apprentices study & review their HVAC knowledge and take an Evaluation Test.

10/19 - 5/18      HVAC Star      (210 Hours - 30 Weeks)

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*(252 hours and 36 weeks)*