



## Classes for the HVAC/R Entry Level Technician

### 001. Professional Development

**Who should attend**

Anyone with a desire to enter the heating and air conditioning field.

**Expected Learning Outcomes**

Careers, Certifications, Service Calls, Trade Math and Soft Skills including Caring for Others, Customer Relationships, Personal Ethics, Time Management

### 002. Trade Tools and Supplies

**Who should attend**

Anyone with a desire to enter the heating and air conditioning field.

**Expected Learning Outcomes**

Hand Tools, Meters, Trade Tools and OSHA Power Tool Safety Certification

### 003. First Aid and CPR

**Who should attend**

Anyone with a desire to enter the heating and air conditioning field.

**Expected Learning Outcomes**

First Aid and CPR Certifications, OSHA Bloodborne Pathogens Certificate

### 004. Safety for HVACR

**Who should attend**

Anyone with a desire to enter the heating and air conditioning field.

**Expected Learning Outcomes**

OSHA Material Handling, PPE, Fall Protection, Fire Safety, Electrical Awareness, Lock-Out Tag-Out, Aerial Lift, Lead and Asbestos Awareness, Confined Space, Rigging and Classification and Labeling of Chemicals Certifications

### 005. Preventive Maintenance Introduction

**Who should attend**

Anyone with a desire to enter the heating and air conditioning field.

**Expected Learning Outcomes**

Indoor Air Quality, Air Filters, Belts, Bearings, Coil Cleanings, Burner Cleanings, Maintenance Tools and Safety

### 006. Refrigerant Recovery, EPA and Test

**Who should attend**

Anyone with a desire to enter the heating and air conditioning field.

**Expected Learning Outcomes**

Recovery, Recycle and Reclaim, P/T Charts, EPA 608

### 007. Heat Energy and Matter

**Who should attend**

Anyone with a desire to enter the heating and air conditioning field.

**Expected Learning Outcomes**

Potential, Kinetic, Scales, BTUH, Conduction, Convection, Radiation, Forms of Substance, Saturations, PSI, Inches of Mercury, Microns, Pressure & Temps

### 008. Piping Skills for HVACR

**Who should attend**

Anyone with a desire to enter the heating and air conditioning field.

**Expected Learning Outcomes**

Cutting, Reaming, Threading, Soldering, Brazing and Pressure Testing, OSHA Hot Work, Welding and Cutting Certification

### 009. Electrical Fundamentals for HVACR

**Who should attend**

Anyone with a desire to enter the heating and air conditioning field.

**Expected Learning Outcomes**

Atomic, Ohms Law, Watts Law, Conductors, Insulators, Fundamentals, Electronic Circuits, Schematics, Components, Loads, Controls and Testing

### 010. Blueprint Reading

**Who should attend**

Anyone with a desire to enter the heating and air conditioning field.

**Expected Learning Outcomes**

Understand, Navigate and Use of Blue Prints

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