

# PLUMBING

## Federally Approved Apprenticeship Program

Building the Industry Together, One Block at a Time

### LEVEL ONE

Introduction to the Plumbing Profession  
Plumbing Safety; Tools of the Plumbing Trade  
Introduction to Plumbing Math and Drawings  
Plastic Pipe and Fittings  
Copper Pipe and Fittings  
Carbon Steel Pipe and Fittings  
Introduction to Plumbing Fixtures  
Drain, Waste and Vent (DWV) Systems  
Introduction to Water Distribution Systems

### LEVEL TWO

Plumbing Math Two  
Reading Commercial Drawings  
Structural Penetrations, Insulations  
& Fire-Stopping  
Installing and Testing DMV Piping  
Installing Roof, Floor, and Area Drains  
Installing and Testing Water Supply Piping  
Types of Valves; Installing Fixtures and Valves  
Installing Water Heaters; Basic Electricity  
Fuel Gas and Fuel Oil Systems

### LEVEL THREE

Applied Math  
Sizing and Protecting the Water Supply System  
Potable Water Supply Treatment  
Types of Venting  
Sizing DWV and Storm Systems  
Sewage Pumps and Sump Pumps  
Corrosive-Resistant Waste Piping  
Compressed Air  
Service Plumbing

### LEVEL FOUR

Business Principles for Plumbers  
Fundamentals of Crew Leadership  
Water Pressure Booster & Recirculation Stems  
Indirect and Special Waste; Codes  
Private Water Supply Well Systems  
Private Waste Disposal Systems  
Swimming Pools and Hot Tubs  
Plumbing for Mobile Homes and Travel Trailers  
Intro to Medical Gas & Vacuum Systems

## CORE CURRICULA

Basic Safety  
Introduction to Construction Math  
Introduction to Hand Tools  
Introduction to Power Tools  
Introduction to Construction  
Drawing

Basic Rigging  
Basic Communication Skills  
Basic Employability Skills  
Introduction to Material  
Handling

## PROGRAM FEATURES

Federally registered apprenticeship program  
4-year program (includes CORE curricula 1<sup>st</sup> year)

144 classroom hours per year

Combine theory & knowledge-based assessments

8000 on-the-job training hours

Hands-on training ensures you have the skills you need to succeed

*PPE required for all classes*

## CLASS SCHEDULE

September through April

Week night classes from 5:00 - 8:00PM

Virtual Options Available

## KANSAS CITY EASTERN MISSOURI

Enrollment period begins in July

Apply online at [www.abcksmo.org/apply](http://www.abcksmo.org/apply)



ABC Heart of America utilizes Mike Holt Enterprises Certified Electrical Apprenticeship training curriculum for all electrical apprenticeship training classes.



### ADDRESS

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### CONTACT US

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