# SHEET METAL

## Federally Approved Apprenticeship Program

Building the Industry Together, One Block at a Time

### LEVEL ONE

Introduction to the Sheet Metal Trade
Tools of the Trade
Plasma Arc Cutting
Trade Math One & Measurments
Layout & Processes; Parralel Line Development
Installation of Ductwork
Installation of Air Distribution Accessories

### LEVEL TWO

Trade Math Two; Field Measurements
Construction & Trade Drawings
Radial Line Development
Triangulation
Trade Duct Frabrication Standards
Bend Allowances
Soldering
Air Distribution Systems

### LEVEL THREE

Commericial Airside Systems
Priciples of Airflow
Using Constriuction Drawings in Sheet Metal
Trade Job Specifications
Air Testing and Balancing
Blanket Insulation for Ducts
Board Insulation for Ducts

### LEVEL FOUR

Fume and Exhaust System Design
Welding and Brazing
Oxyfuel Cutting
Architectural Sheet Metal
Shop Production & Orgranization
Trade Business & Technology
Fundamentals of Crew Leadership

## 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

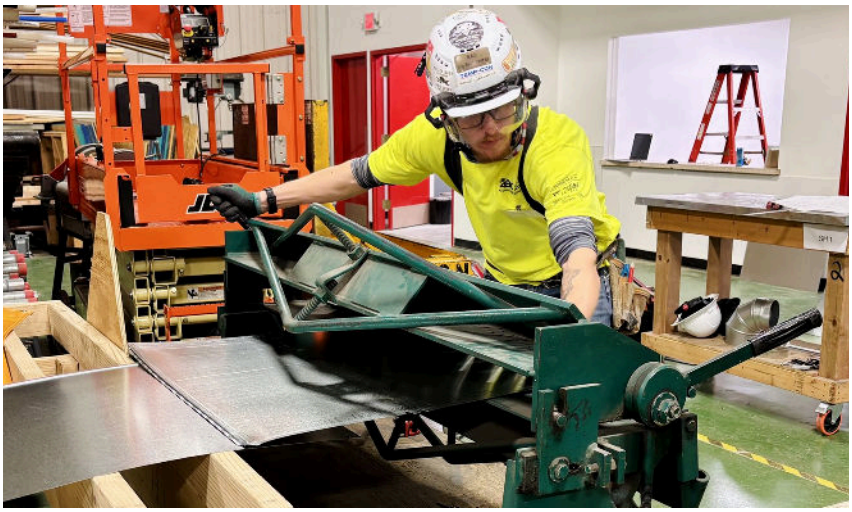
**Federally registered apprenticeship program**
**4-year program (includes CORE curricula 1st year)**
**144 classroom hours per year**
**Combine theory & knowledge-based assessments**
**8000 on-the-job training hours**
**Hands-on training ensures you have the skills you need to succeed**
***PPE required 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



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

CRAFT TRAINING

### ADDRESS

Kansas City Training Facility
4035 Denton Road
Kansas City, MO 64133

ABC Heart of America APPRENTICESHIP

### CONTACT US

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