

SHEET METAL

Federally Approved Apprenticeship Program

Building the Industry Together, One Block at a Time

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

LEVEL ONE

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

LEVEL TWO

Commercial Airside Systems
Principles of Airflow
Using Construction Drawings in Sheet Metal
Trade Job Specifications
Air Testing and Balancing
Blanket Insulation for Ducts
Board Insulation for Ducts

LEVEL THREE

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

LEVEL FOUR

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 NCCER (National Center for Construction Education & Training) training curriculum for all sheet metal apprenticeship training classes.

CRAFT
TRAINING

ADDRESS

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