

**Fire Smoke Damper
Technician Certification**

September 10 - October 15, 2024

Tue/Thurs 4:30 – 7:30 p.m.

This class covers competency in installation, inspection, and maintenance of fire, smoke, combination fire/smoke dampers. The class will conclude with the certification test.

VAV Terminal Units

December 3 – December 12, 2024

Tue/Thurs 4:30 – 7:30 p.m.

This class will cover the basics of setting up a VAV terminal unit. This class can be applied toward ICB CEU's.

Prerequisites:

None

Pressure Testing /Duct Leakage

November 5 – November 14, 2024

Tue/Thurs 4:30 – 7:30 p.m.

This class will cover the method of testing the leakage rate of a specified section of a duct system and to verify that the leakage is within job specifications. This class can be applied to ICB CEU's.

Prerequisites:

None

TABB Technician

September 9, 2024 – January 29, 2025

Mon/Wed 4:30 – 7:30 p.m.

This Class is designed to introduce the basics of TAB work to an individual, with lots of hands on applications. You will learn how to set up and use flow hoods, manometers, and other testing instruments used daily by TAB Technicians. In Addition, you will learn to test and balance various types of mechanical equipment along with their related duct systems. This is an excellent class for people looking to get into, as well as those who are currently working in the TAB field. This course will result in the TAB written certification test.

Note: A laptop, iPad or tablet are required for this class. All books are now electronic.

Basic GMAW (MIG)

September 10 – December 19, 2024

Tue/Thurs 4:30 – 7:30 p.m.

This class in GMAW (MIG):

- ♦ Basic terminology & theory
- ♦ Identification & operation of equipment
- ♦ Safety in welding
- ♦ Standard welding symbols
- ♦ Hands on welding of typical joint designs and positions
- ♦ Proper P.P.E. is required.

Prerequisites:

This class is an introduction to the GMAW process. No prerequisite is required; however, an understanding of the arc welding basics is recommended.

Basic GTAW (TIG)

September 9 – December 18, 2024

Mon/Wed 4:30 – 7:30 p.m.

This class in GTAW (TIG) includes:

- ♦ Terminology & theory
- ♦ Operation of equipment
- ♦ Safety in welding
- ♦ Standard welding symbols
- ♦ Hands on welding of typical joint designs and positions
- ♦ Welding of stainless steels
- ♦ Welding of aluminum
- ♦ Proper P.P.E. is required.

Prerequisites:

This class is an introduction to the GTAW process. No prerequisite is required; however an understanding of the arc welding basics is recommended.

Architectural Sheet Metal

September 9 – December 18, 2024

Mon/Wed 4:30 – 7:30 p.m.

The first six weeks of this class will introduce flashing systems as it pertains to the roofing industry. This class will include measuring and fabricating coping, gravel stops, saddle flashing, counter flashing, and standing seam roofs.

The second six weeks of this class will include: composite panel fabrication and installation including extrusions and required flashing.

We will introduce composite panel systems, including fabrication and installation of panels.

Prerequisites:

None

OSHA 30

September 9 – October 14, 2024

Mon/Wed 4:30 – 7:30 p.m.

This is a thirty-hour safety awareness class. Upon completion you will receive the OSHA-30 Certification Card.

CPR/AED/First Aid

October 21 – October 23, 2024

Mon/Wed 4:30 – 7:30 p.m.

This class will include lecture and hands on with AED trainers and CPR manikins with LED feedback to meet all American health Association requirements. At the completion of the course all participants meeting the requirements will receive an American Heart Association certification card. The fee for this class is \$20 to cover the cost of the certification card.

REVIT

September 10 – December 19, 2024 Tue/Thurs 4:30 – 7:30 p.m.

This course will include:

- ♦ REVIT sketching, modifying and systems tools.
- ♦ System Projects
- ♦ Working with views, spaces and zones
- ♦ HVAC, plumbing & electrical networks.
- ♦ Advanced HVAC systems
- ♦ Creating & annotating construction documents
- ♦ Adding tags, schedules & details

HVAC Service Heating

September 10 – December 19, 2024 Tue/Thurs 4:30 – 7:30 p.m.

This class will cover residential heating systems.

- ♦Electrical safety
- ♦Basic electricity – Advanced electricity
- ♦Furnace Wiring/AC Wiring
- ♦Furnace Parts/Components
- ♦Combustion process/codes
- ♦Tools
- ♦80+ 90+ furnace systems
- ♦Pictorials/Schematics/Sequence of units
- ♦Temp rise/gas adj./troubleshooting
- ♦Troubleshooting test/carbon monoxide testing
- ♦Local Codes-installation
- ♦EMT Bending
- ♦Gas Piping
- ♦Codes – Local/National

Prerequisites:

None

Trimble Total Station Training

September 10 – September 19, 2024 Tue/Thurs 4:30 – 7:30 p.m.

This is a two-night class that teaches you surveying terminology and field experience using Trimble Total Station devices.

Field Measure

November 25 – December 18, 2024

Mon/Wed 4:30 - 7:30 p.m.

Participants will measure, design, sketch, fabricate and install duct runs, using SMACNA guidelines, as well as formulas to calculate vertical and horizontal offsets using given angle elbows.

Reading Plans & Specs

October 28 – November 20, 2024

Mon/Wed 4:30 – 7:30 p.m.

This course will cover the organization and content of the Plan Documents as it relates to Detailing, Estimating, and Supervision.

Prerequisites:

None