Night Classes Fall 2020

BRING YOUR MECHANICAL LICENSE(S) TO THE FIRST CLASS.

Architectural

Architectural Wall Panel - Mondays Stating September 14th
This course is designed to introduce and teach sheet metal workers proper fabrication and installation techniques on MCM and 3” IFP as well as caulking to ensure a watertight product. Aerial Lift Safety Training.

10 classes 5:00p to 8:00p PEU’s: S/M or HVAC Trade-12 Core-3

AutoCAD

Advanced AutoCAD – Mondays starting September 14th
This course is designed to teach sheet metal workers the advanced principles and techniques of Auto/CAD Drawing. Prerequisite: Basic AutoCAD or approved field experience.

10 classes 5:00p to 8:00p PEU’s: S/M or HVAC Trade-15 Core-0

HVAC

Basic Layout and Sheet Metal Fabrication - Mondays Starting September 14th
This course is designed to teach the sheet metal worker basic sheet metal duct layout and fabrication. The course will cover the construction of elbows, offset, transitions and square to rounds. Special emphasis will be placed on proper use of equipment and shop safety.

15 classes 5:00p to 8:00p PEU’s: S/M or HVAC PEU’s Trade-22.5 Core-0

Field Measurement Mondays Starting September 14th
This course is designed to provide sheet metal workers with a general overview of field measuring from learning to assess field measurements requirements for a particular task, select the proper measuring tools, perform accurate measurements, and communicate those measurements in an appropriate fashion the first time.

8 classes 5:00p to 8:00p PEU’s: S/M or HVAC Trade-12 Core-0

Quick tip: Click on the TotalTrack Login box on any page to begin the registration process outlined on the registration guide.
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Service

Basic Service Electricity – Tuesdays starting September 15th

This course is designed to teach sheet metal workers basic electricity as it applies to HVAC Service. This class is a prerequisite for Basic Heating and Basic Cooling.

14 classes 5:00pm to 8:00pm
PEU’s: St Louis Co. S/M or HVAC Trade-17.5 Core-3.5
   Jefferson Co. Code-21

TABB

Basic TABB Tuesdays Starting September 15th

This course is designed to teach Sheet Metal Workers the principles of Testing, Adjusting, and Balancing (TAB) with an emphasis on practical application to gather information to determine quantitative performance of the HVAC equipment.

14 classes 5:00pm to 8:00pm PEU’s: St Louis Co. S/M or HVAC Trade-18 Core-3

TABB Supervisor Tuesdays Starting September 15th

This course is designed to teach TABB Certified members the required information to review a comprehensive and chronological history of the procedures followed by the TABB Technician to ensure its accuracy.

4 classes 5:00pm to 8:00pm PEU’s: St Louis Co. S/M or HVAC Trade-1.5 Core-4.5

Fire Life Safety/Fire and Smoke Dampers Tuesdays Starting October 13th

This course is designed to teach sheet metal workers how to properly install, inspect, and maintain fire and smoke dampers in order to make an important contribution to the execution of fire protection design and overall building performance in the event of a fire. Also teaching the manufacturer’s recommendations and requirements towards proper and safe installation of smoke and fire dampers. This course will distinguish between codes, regulations and fire ratings pertaining to the different types of dampers.

8 classes 5:00pm to 8:00pm
PEU’s: St Louis S/M or HVAC Trade-4.5 Core-6 Jefferson Co. Code-6
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Welding

Basic MIG (GMAW) Mondays Starting September 14th
This course is designed to teach the sheet metal worker gas metal arc welding process.
12 classes 5:00pm to 8:00pm
PEU’s: St Louis Co. S/M or HVAC Trade-15 Core-3 Jefferson Co. Code-9

Basic TIG Welding (GTAW) Tuesdays Starting September 15th
This course is designed to teach the sheet metal workers the gas tungsten arc welding process.
12 classes 5:00pm to 8:00pm
PEU’s: St Louis Co. S/M or HVAC Trade-15 Core-3 Jefferson Co. Code-9

Basic Stick Welding (SMAW) Wednesdays Starting September 16th
This course is designed to teach the sheet metal workers the shielded metal arc welding processes.
12 classes 5:00pm to 8:00pm
PEU’s: St Louis Co. S/M or HVAC Trade-15 Core-3 Jefferson Co. Code-9

Advanced TIG Welding (GTAW) Thursdays Starting September 17th
Pre-requisite: Basic TIG or equivalent experience. This course is designed to show advanced techniques using the TIG process.
12 classes 5:00pm to 8:00pm
PEU’s: St Louis Co. S/M or HVAC Trade-15 Core-3 Jefferson Co. Code-9

Mechanical License Preparation

This course, 6 (3 hour) classes is designed as a review for sheet metal workers or HVAC service installer who are preparing to take the St. Louis County Mechanical License Test. The course reviews each of the textbooks and covers the most important codes, standards and terminology necessary for an adequate understanding of Mechanical application for sheet metal industry.
6 classes 5:00pm to 8:00pm
PEU’s: St Louis Co. S/M or HVAC Trade-0 Core-9.0