



Sheet Metal Workers Local 20 Joint Apprenticeship & Training Committee

2828 East 45th Street, Suite A
Indianapolis, Indiana 46205

(317) 541-0050 • 1-800-835-4531
www.smw20training.com



CONTINUING EDUCATION NIGHT CLASSES

All classes are held at the **Indianapolis Training Facility**, start at **5:00 pm & last 3 hours**.
Classes are limited in size. The following classes will be offered:

- PRE-APPRENTICE CLASS 8 weeks Tuesdays starting March 1st
- INTRO TO ARCHITECTURAL 5 weeks Tuesdays starting March 1st
- BASIC TAB 5 weeks Wednesdays starting March 2nd
- GTAW FOR BEGINNERS 5 weeks Wednesdays starting March 2nd
- BASIC COOLING 5 weeks Wednesday starting March 2nd
- ADVANCED TAB 5 weeks Thursdays starting March 3rd
- FIRE & SMOKE DAMPER TECHNICIAN 6 weeks Mondays starting March 7th
- INDUSTRIAL LAYOUT 5 weeks Mondays starting March 7th

SAFETY CLASSES

- OSHA 10 2 Saturday Classes (7am-Noon) March 5th & 12th

Please make your selections and return this form to ssnapp@smw20training.com by **February 18th, 2022**. If you make multiple selections, please rank them in the order of preference. If you want more than one class, please let us know this also.

If you have any questions, call the **Apprenticeship Office** at 317-541-0050.

NAME: _____ PHONE: _____

ADDRESS: _____

CITY/ STATE/ ZIP: _____

EMAIL: _____ SS# _____

JOURNEYMAN: APPRENTICE: PRE-APPRENTICE: CLASSIFIED: INDUSTRIAL:



PRE-APPRENTICE CLASS: This class is designed to give the Pre-Apprentice a better knowledge of the skills required to be a Sheet Metal Worker. OSHA 10 will be attained. Other topics covered will be basic math/calculator skills, basic blueprint reading, as well as studying for the Work Keys Entrance Exam. Upon completion, the participants will receive 2 education points toward their ranking on the Apprentice Eligibility list. **Highly recommended for all Pre-Apprentices or anyone interested in becoming an Apprentice!**

INTRO TO ARCHITECTURAL: This class will introduce students to architectural seams, locks, metal roofing components, soldering, and sealants. This class covers the basic principles and installation procedures of Architectural Sheet Metal.

BASIC TAB: This class will cover the basic aspects of testing and balancing air systems. Items covered will include taking air flow measurements, proper use of electrical measuring devices, taking electrical measurements, fan laws and proportional balancing.

GTAW FOR BEGINNERS: Includes the fundamentals and hands-on training and practice in Gas Tungsten Arc Welding (TIG). The class is an introductory course. There will not be a certification offered.

SERVICE –BASIC COOLING: This class will cover the basics of servicing a residential air conditioning unit. The class will also focus on the fundamentals of basic electricity as it pertains to the service of air conditioning. Upon completion, the participants should have a working knowledge of residential air conditioning, components, and electricity.

ADVANCED TAB: This class will concentrate on the properties of air and water, heat transfer, psychometrics, duct systems, and all formulas that pertain to the TAB Technician Exam. It will prepare students for the Technician Exam.

FIRE & SMOKE DAMPER TECHNICIAN: This course covers manufacturer requirements for the installation, inspection, and maintenance of fire dampers, smoke dampers, combination smoke/fire dampers, and ceiling radiation dampers. It also covers the relevant building code requirements in the context of effective operation for property protection, life safety requirements, building design/performance and the applicable standards for product testing and performance under fire conditions. Successful completion of this course will be documented with a Certificate of Course Completion. A certification through ICB will be offered on the last night of class.

INDUSTRIAL LAYOUT: This class will cover parallel line development, radial line development, and triangulation as applied to an industrial setting with heavy gauge material. Drafting, shop layout, and fabrication will be utilized throughout the course.

OSHA 10: This class will cover all safety issues required to obtain an OSHA 10 card. Mandatory attendance of both classes is required to receive the OSHA 10 card. This course may be taken as an OSHA refresher for members.