

JOINT APPRENTICESHIP & TRAINING COMMITTEE

OF

SHEET METAL WORKERS' LOCAL 20, GARY AREA

AND

NORTHERN INDIANA SHEET METAL CONTRACTORS ASSOCIATION

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(219) 947-7447

MEMORANDUM

TO: All Local 20 Members
FROM: Joint Apprenticeship & Training Committee
RE: CONTINUING EDUCATION CLASSES

These classes will NOT be offered in the Fall as we will have different classes to offer then. Classes are limited to fifteen (15) participants and no class will begin with less than eight (8) people. The following classes will be offered this time, all beginning in early March:

___ SMAW	5 weeks	Tuesdays	Beginning April 5th
___ ASM - SOLDERING	5 weeks	Wednesdays	Beginning April 6th
___ CAD-MEP & VICON	6 weeks	Thursdays	Beginning April 7th
___ SERVICE – BASIC COOLING	5 weeks	Tuesdays	Beginning May 3rd
___ ASM – WALL PANELS	5 weeks	Thursdays	Beginning May 5th

A brief description of these classes is given on the back page.

Please make your selections and return this form to ssnapp@smw20training.com by March 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 Brent Hoag or Scott Bush at 219-764-1900.

NAME: _____ PHONE: _____

ADDRESS: _____

CITY/ STATE/ ZIP: _____

EMAIL: _____ SS# _____

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

SMAW: Includes the fundamentals and a lot of hands-on training and practice in Shielded Metal Arc Welding (Stick). At the conclusion of the class an AWS D1.1 Certification test will be offered.

ASM – SOLDERING: This course is both an introduction to architectural sheet metal soldering for the novice member and for journeyman interested in advancing or refreshing their soldering skills. The member will learn the correct use of tools, materials, and techniques, then practice on sample materials.

CAD-MEP & VICON: Learn the commands and fundamentals of 3D Duct Drawings with this program and exporting them to the VICON burn table. You will learn the basics of ductwork detailing in conjunction with Structural and Architectural drawings. You will learn how to produce a Shop Drawing with duct elevations. A basic understanding of AutoCAD would be preferred. The progress of the class is subject to the ability of the students. Basic computer skills are a requirement.

SERVICE (BASIC COOLING): Focus is on the beginner who wants to learn the fundamentals of a residential air conditioning installation. This class covers basic electricity, line voltage and control wiring, using multimeters, amprobes, and manifold gages, brazing, evacuating, and charging an air conditioning system. Upon completion, the participants should be able to completely install and start-up a residential split system.

ASM – WALL PANELS: The course consists of the fundamentals needed to interpret Architectural Sheet Metal Wall Cladding System construction details, shop drawings, and other related construction documents. This course will cover job safety, project planning, verification of acceptable structure/substrate, and the required manufacturers specifications and tolerances for a successful installation with heavy concentration on Wall Cladding System measuring and layout using level, plumb, and square techniques. This course will also introduce the learners to a pre-engineered Wall Cladding Sub-Framing Attachment System and its components as well as material handling, layout, and fabrication of common flashings and trims used with these types of systems.