

JOINT APPRENTICESHIP & TRAINING COMMITTEE
OF
SHEET METAL WORKERS' LOCAL 20, GARY AREA
AND
NORTHERN INDIANA SHEET METAL CONTRACTORS ASSOCIATION

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MEMORANDUM

TO: All Local 20 Members

FROM: Joint Apprenticeship & Training Committee

RE: JOURNEYMAN UPGRADE NIGHT CLASSES

These classes will NOT be offered in the Spring 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 late October:

_____ SERVICE (Basic Heating)	6 weeks	Tuesdays
_____ EPA Certification	4 weeks	Thursdays
_____ GMAW	6 weeks	Wednesdays
_____ SMAW	6 weeks	Thursdays
_____ TAB EXAM PREP.	8 weeks	Thursdays

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

Please make your selections and return this form to us by **September 27, 2019**. 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 Kyle Melnyk or Scott Bush at 219-764-1900.

NAME: _____ PHONE: _____

ADDRESS: _____

SERVICE (BASIC HEATING): Focus is on the beginner who wants to learn the fundamentals of residential heating equipment. This class covers basic electricity, line voltage and control wiring, gas piping, using multimeters and amprobes. Upon completion, the participants should be able to completely install start-up and basic troubleshooting of a residential gas-fired furnace.

EPA CERTIFICATION: Section 608 of the Federal Clean Air Act requires that all persons who maintain, service, repair or dispose of appliances that contain regulated refrigerants be certified in proper refrigerant handling techniques. This class will consist of three preparatory classes leading up to an online Certification test on the final night. This is not an open book test. Participants must be prepared to study outside of class if they expect to receive Certification.

GMAW: Includes the basic fundamentals and a lot of hand-on training and practice in Gas Metal Arc Welding (MIG). Materials welded will be primarily carbon steel but may also include Stainless Steel and Aluminum. The beginning of the class will allow the participants to practice, going through a series of exercises, and the class will finish with a welding procedure review, practice time, and an AWS D9.1 Certification test.

SMAW: Includes the basic fundamentals and a lot of hand-on training and practice in Shielded Metal Arc Welding (Stick). The beginning of the class will allow the participants to practice, going through a series of exercises with several different electrodes, and the class will finish with a welding procedure review, practice time, and an AWS D1.1 Certification test.

TAB EXAM PREP: The class will focus on the theories, equipment, math and commonly used formulas, reports, and actual hands-on experiences of balancing. **Prior experience in the TAB field is highly recommended.** Upon completion, a nationally recognized balancing certification test is available.