

# Journeyman Training Program Fall 2011



IMPORTANT NOTE: ALL CLASSES MUST HAVE A MINIMUM OF 10 PEOPLE SIGNED UP  
UNLESS OTHERWISE STATED TO COMMENCE.

CLASSES MAY BE REPEATED BECAUSE OF DEMAND.

CHECK WITH THE EDUCATION OFFICE IF YOU  
HAVE QUESTIONS ABOUT A CLASS.

PLEASE SEND IN THE REGISTRATION FORM WITH A SEPARATE  
DEPOSIT CHECK FOR EACH CLASS YOU WANT TO TAKE

TO: **SMWIA LOCAL 265 JATC, 205 ALEXANDRA WAY  
CAROL STREAM, IL 60188**

## **WE WILL BEGIN TAKING REGISTRATIONS AUGUST 1, 2011**

### **“NEW” Basic Heating Start Up**

Class will cover the skills and techniques necessary to  
properly setup residential and light commercial  
heating equipment.

2 Sessions Monday October 3, and Tuesday October 4, 2011

5:00p.m. - 9:00p.m.

\$25 deposit to reserve seat

*Instructor: Paul Monteith*

### **“NEW” Water Treatment Class**

*GEEN Industries* (Water Treatment Specialists) will put on  
this class that will cover the properties of water, Hardness,  
PH, Scale, Sludge, etc. Water Treatment and testing of  
Boilers, Chillers, and Cooling Towers, also safety and  
health issues of water. There will be hands-on testing of  
water systems and solutions to specialty problems.

1 session Tuesday August 30, 2011 5:00p.m. to 9:00p.m.

\$25 deposit to reserve seat

*Instructor: Paul Monteith*

### **“NEW” Air Filtration Technician**

*National Air Filtration Association* (NAFA) course will cover the  
installation, operation and maintenance of air filtration systems,  
types of filters, their uses and efficiency ratings. NAFA NCT1  
Certification exam will be given at the end of the class.

2 sessions Monday October 24, and Tuesday October 25, 2011

5:00p.m. to 9:00p.m.

\$80 Fee for Manual and NAFA Test is required to reserve seat

*Instructor: Paul Monteith*

# Journeyman Training Program/Fall 2011

## **“NEW” Duct Miters & Offsets**

Class covers how to use the òOWLö method to miter a straight piece of duct. Then learn how to use constants to figure the duct length between two 45° elbows (15° 22.5° etc.), taking the trigonometry and guess work out of the picture.

1 Night class, Tuesday November 1, 2011 5:00 to 9:00 PM

Must bring calculator to class.

\$25 deposit to reserve seat

*Instructor: Dennis Moran*

## **“NEW” ECONOMIZER VENTILATION CLASS**

*Ryan Hoger* from *Temperature Equipment Corporation* will present this fundamental class on Economizers and Demand Controlled Ventilation. A review of ventilation and energy codes will be included.

1 Night Class Thursday September 29, 2011 5:00p.m.-9:00p.m.

*Instructor: Joe Carone*

## **OSHA 10**

OSHA 10 Hour Safety Training provides training covering general safety hazards on the job. An official wallet card from OSHA will be issued on completion of the class.

3 Night Class: Tuesdays August 23, 30, September 6, 2011

5:00p.m.-9:00p.m.

3 Night Class: Tuesdays November 15, 22, 29, 2011 5:00p.m.-9:00p.m.

\$25 deposit to reserve seat

*Instructor: Tim Donovan*

## **OSHA 30**

This class is the next level for OSHA training and is fast becoming mandatory for workers to access many work sites. It is 30 hours of training that covers more of what the OSHA 10 Hour covered to make workers aware of general hazards of their jobs and workplace health and safety regulations. An official OSHA 30 Hour wallet card will be issued at the completion of the class.

8 Night Sessions Mondays and Tuesdays and one Thursday starting October 3, 2011 5:00p.m.-9:00p.m.

\$100 deposit to reserve seat

*Instructor: Tim Donovan*

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## **Crane Signaling Training**

Prerequisite: Must have an OSHA 10 card. Course fulfills the requirements of a Qualified Signaler under the new OSHA CFR 1926 Subpart CC. for Cranes & Derricks Rule. A Signaling Student Wallet Card and Signaling Certificate will be issued upon successfully completing the class. This training is required by OSHA to Signal and work safely with Cranes.

Monday September 26, 2011 5:00p.m.- 9:00p.m.

\$25 deposit to reserve seat

*Instructor: David St. Peter*

## **Scaffold Safety Training**

Prerequisite: Must have an OSHA 10 card. Class covers Supported and Suspended Scaffold CFR 1926 Subpart 1019, and the types of fall protection associated with scaffolds CFR 1926 Subpart 1020 Class is approved by the City of Chicago for required scaffold training. Certificate and Wallet ID will be issued upon successfully completing the class.

2 Night Sessions Monday November 7, and Wednesday

November 9, 2011 5:00p.m.-9:00p.m.

\$25 deposit to reserve seat

*Instructor: Dennis Moran*

## **Test and Balance Air**

Prerequisite: Must have an OSHA 10 card. 32 Session class meets Thursdays, 5:00p.m.- 8:00p.m. starts September 15, 2011.

Class covers Testing, Adjusting and Balancing (TAB) of commercial HVAC air systems, SMARTA Air Certification is achievable at the end of the class.

\$200 deposit to reserve seat

*Instructor: Dennis Moran*

## **Test and Balance Water**

Prerequisite must have taken Test & Balance Air.

Class meets Mondays, classes start February 6, 2012.

17 session class from 5:00p.m. - 8:00p.m.

Class covers TAB commercial HVAC Hydronic systems, a SMARTA Hydronic Certification is achievable at the end of the class with the possibility of further testing to become TAB Certified, inquire when taking the class.

\$200 deposit to reserve seat

*Instructor: Paul Monteith*

# Journeyman Training Program/Fall 2011

## **Hoisting & Rigging Training**

Prerequisite: Must have an OSHA 10 card.

Course fulfills the training requirements of a Qualified Rigger under new OSHA CFR 1926 Subpart CC.

for Cranes & Derricks Rule. A Hoisting and Rigging

Student Card and Certificate will be issued upon successfully completing the class. This training is

required by OSHA for rigging work on job sites.

Monday October 10, 2011 5:00p.m.-9:00p.m.

\$25 deposit to reserve seat

*Instructor: David St. Peter*

## **Basic AutoCAD**

This course is designed for an entry level student.

Basic computer knowledge is helpful but not required.

You will learn file management, windows interface, and the fundamentals of AutoCAD. The course will be very challenging and rewarding. There are homework assignments, class assignments and a final project to complete the course.

Meets on Thursdays, classes start September 1, 2011.

Session from 5:30 p.m. - 8:30 p.m. 16 sessions

\$100 deposit to reserve seat

*Instructor: Chris Hansen*

## **Advanced AutoCAD**

This course is designed for more advanced users.

Passing the Basic AutoCAD final or instructors consent is required. The focus of the course will be detailing in a

2 dimensional environment. Time will be spent learning advance commands, scale dependency, plotting in model and paper space, shop drawing requirements, and print reading.

There are homework assignments, in class assignments and a final project to complete the course.

Meets on Thursdays, classes start January 12, 2012.

16 Sessions from 5:30 p.m. - 8:30 p.m.

\$100 deposit to reserve seat

*Instructor: Chris Hansen*

# Journeyman Training Program/Fall 2011

## **Basic Service**

Prerequisite: Must have an OSHA 10 card.

Meets on Wednesday classes start September 7, 2011.

28 sessions from 5:30 p.m. - 8:30 p.m.

Classes cover basic residential HVAC principles and service.

\$200 deposit to reserve seat

*Instructor: Joe Carone*

## **Residential Retrofit**

Prerequisite: Must have an OSHA 10 card & CFC

Type 2 or Universal Certification. Class will cover the installation and replacement of existing residential HVAC equipment and includes a 410a refrigerant certification. The class will go into component replacement, brazing, refrigerant recovery, evacuation, charging, equipment start-up and many hands-on labs that will get you up to speed in this part of our Sheet Metal industry.

Night classes start Thursday November 3, 2011

16 Sessions 5:00pm to 8:00pm

\$100 deposit to reserve seat

*Instructor: Tim Donovan*

## **BASIC SERVICE “DAY” CONCENTRATED PROGRAM CLASSES**

Prerequisite: Must have an OSHA 10 card to take either program.

### **Heating/Electrical**

Monday October 10 through Friday October 14, 2011.

5 sessions from 7:00a.m.-3:00p.m.

Classes cover the Residential Heating and Electrical material that is covered in our Basic Night Service program, Residential HVAC principles and Service.

\$100 deposit to reserve seat

*Instructor: Paul Monteith*

### **Air Conditioning**

Prerequisite: OSHA 10 card and CFC Type 2.

Monday November 28 through Friday December 2, 2011.

5 sessions from 7:00a.m.-3:00p.m.

Classes cover Residential Air Conditioning material that is covered in our Basic Night Service program, Residential HVAC principles, and R410a certification.

\$100 deposit to reserve seat

*Instructor: Paul Monteith*

# Journeyman Training Program/Fall 2011

## **Advanced Service Electrical Concentrated (Day)**

Prerequisite: Must have an OSHA 10 card, Basic Service or instructor approval.

Classes will cover reading schematic diagrams, wiring up training boards, troubleshooting electrical components and more.

Class starts Monday October 31, through November 4, 2011

5 Sessions from 7:00 a.m. to 3:00 p.m.

\$100 deposit to reserve seat

16 Max class size

*Instructor: Paul Monteith*

## **Advanced Service Electrical**

Prerequisite: Must have an OSHA 10 card, Basic Service or instructor approval.

Classes will cover reading schematic diagrams, wiring up training boards, troubleshooting electrical components and more.

Class Starts on Monday December 12, 2011,

5:00p.m. ó 8:00p.m.

2 nights a week Mondays and Thursdays for 12 Sessions.

\$100 deposit to reserve seat

*Instructor: Paul Monteith*

## **Welding:**

Prerequisite: Must have an OSHA 10 card.

Welding and certification is important in the trade, these classes are for every level of welder with the objective to improve welding skills and achieve AWS Certification.

### **SMAW (Stick)**

Prerequisite: Must have an OSHA 10 card.

Shielded Metal Arc Welding (Stick).

Classes meet Mondays starting September 12, 2011, 14 sessions.

Sessions from 5:30p.m. - 8:00p.m.

This class is designed for the entry level welder with the intent to go on to the Structural Weld Certification Preparation Class.

\$100 deposit to reserve seat

15 Max class size

*Instructor: Tony Arns*

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### **GMAW (MIG)**

Prerequisite: Must have an OSHA 10 card.

Gas Metal Arc Welding (GMAW).

This class is designed for the entry level welder with the intent to go on to gain an AWS Weld Certification at the end of the Class.

Classes begin Thursday September 8, 2011.

12 Sessions from 5:30 p.m. - 8:00 p.m.

\$100 deposit to reserve seat

14 Max class size

*Instructor: Jeff Bednarski*

### **NEMI Classes:**

Prerequisite: Must have an OSHA 10 card.

- Fire & Life Safety Level 1 Technician
- Fire & Life Safety Level 2 Technician
- Indoor Air Quality Technician
- Indoor Air Quality Supervisor
- Commissioning Supervisor
- Sound & Vibration Supervisor
- TABB Supervisor
- HVAC Energy Audit Technician

Applicants must register for these classes by selecting the class on the registration form attached and sending it in to the education office. Applicants will be notified when classes fill for an orientation and registration meeting.

You can go online at [www.icbcertified.org](http://www.icbcertified.org) and click on NEMI Classes to get more information about all of the NEMI sponsored classes available to SMWIA members. If you are interested in any of these classes and need help with the registration process please call the education office and we will try to help.

## **Journeyman Training Program/Fall 2011**

**All classes are subject to rescheduling or cancelation due to low class size. We will notify you if your class is on or off as soon as we know, if you have questions please give us a call.**

**IF THE MINIMUM CLASS SIZE IS NOT MET, THE CLASS WILL BE CANCELED 14 DAYS BEFORE CLASS IS SCHEDULED TO START.**

### **WE WILL BEGIN TAKING REGISTRATIONS AUGUST 1, 2011**

**Apprentices can register standby to fill classes not filled by Journeymen**

**For more classes please check out our web page at [www.smw265.org](http://www.smw265.org)**

**Long pants and Leather work boots  
are required wear for all classes**

**For more information,  
please call the education office at  
630-668-0110**

ADDRESS SERVICE REQUESTED



Sheet Metal Workers' Int'l. Assn.  
Local 265  
205 Alexandra Way  
Carol Stream, IL 60188-2080