

# Sheet Metal Joint Apprenticeship Training Committee of San Diego

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2017  
**TRAINING SCHEDULE**



# 2017 TRAINING SCHEDULE

The classes and courses listed in this training catalog are designed for SMART Local 206 members who wish to further their education and/or enhance their technical skills. You must be a member in good standing with Local 206 to participate in any training from the Joint Apprenticeship Training Committee (JATC), International Training Institute (ITi), or Sheet Metal and Air Conditioning Contractors National Association (SMACNA) of San Diego.

Please read through this schedule. If you are interested in taking any of the training, please call the **JATC Training Center at 619-265-2758** to sign up and reserve your seat. If the class or course is already full, you will be placed on the waiting list for the next available one. All training is filled on a first come first serve basis. Most training requires a refundable deposit which will only be reimbursed upon successful completion of that class or course. We encourage you to take advantage of this training as it is a valuable addition to the tool box above your shoulders.

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## MEMBER UPGRADE CLASSES

### AutoCAD Course

This course is designed to teach the necessary skills and procedures on how to operate the AutoCAD software as a drafting tool for the sheet metal industry from the introduction through the advanced level.

DAYS	DATES	SESSIONS	TIME	LOCATION	INSTRUCTOR	DEPOSIT
T TH	1/3-5/11	38	4:30-7:30pm	Classroom 1 (computer lab)	Fox	\$50.00
T TH	7/11-11/16	38	4:30-7:30pm	Classroom 1 (computer lab)	Fox	\$50.00

### Detailing Course

This course is designed to teach the technical skills required to become a detailer in the sheet metal industry. This course will cover researching contract documents, RFI's, equipment cut sheets, submittals, and utilizing CAD MEP Fabrication. The prerequisite to this course is you must have a solid foundation in AutoCAD or have completed the JATC AutoCAD course.

DAYS	DATES	SESSIONS	TIME	LOCATION	INSTRUCTOR	DEPOSIT
T TH	5/23-6/15	8	4:30-7:30pm	Classroom 1 (computer lab)	Fox	\$25.00

### Forklift Training Class (Classroom Portion)

This class will prepare each participant for a forklift license certification through classroom lecture and theory. The classroom portion never expires once completed. There are two things needed in order to obtain a forklift license certification. First, each member must have record of completing the classroom portion from the JATC. Second, each member must pass the practical portion (driving) at their place of employment on each site specific lift. For example, if you were trained on a forklift with one employer and then went to work with another employer who had a similar but different forklift, you ARE NOT certified on the site specific forklift. Both you and your employer are not in OSHA compliance and are subject to fines. You must be trained on each make and model that you are operating. Forklift certifications need to be renewed every three years. If you are currently certified on a forklift with your employer and that forklift make and model has not changed then you simply just need to renew your forklift certification card through the JATC. This is done through your employer.

DAYS	DATES	SESSIONS	TIME	LOCATION	INSTRUCTOR	DEPOSIT
W	2/15	1	4:30-6:30pm	Classroom 2	Fewkes	\$25.00
W	6/21	1	4:30-6:30pm	Classroom 2	Fewkes	\$25.00
W	9/20	1	4:30-6:30pm	Classroom 2	Fewkes	\$25.00

## Hoisting, Rigging, & Signaling

This class is designed to teach the proper use of crane safety through the methods of hoisting, rigging and signaling. Each participant who successfully completes the class will receive a wallet size certification card as well as a certificate of completion. This certification meets all general contractor requirements to be a qualified rigger on any construction site utilizing a hydraulic or tower crane.

Many general contractors have implemented that any sub-contractor needing to utilize a crane must have a detailed pick plan and use qualified riggers to perform the work. Per current industry standards this certification does not expire once the class has been completed. Each participant must have at least three years of sheet metal experience to qualify for this class.

DAYS	DATES	SESSIONS	TIME	LOCATION	INSTRUCTOR	DEPOSIT
W	1/18	1	4:30-6:30pm	Classroom 2	Fewkes	\$25.00
W	5/17	1	4:30-6:30pm	Classroom 2	Fewkes	\$25.00
W	8/16	1	4:30-6:30pm	Classroom 2	Fewkes	\$25.00

## Revit Course

This course is designed as an introduction on how to use the latest Autodesk Revit MEP for fabrication software. This course will cover exporting files, importing to CAD MEP, exporting to Revit system, Revit concepts, design workflow, part layout, loading databases, and reviewing of project models to name a few. The prerequisite to this course is each participant must have taken and completed the JATC AutoCAD course or a similar course with another educational institution.

DAYS	DATES	SESSIONS	TIME	LOCATION	INSTRUCTOR	DEPOSIT
M W	7/10-8/30	16	4:30-7:30pm	Classroom 1 (computer lab)	Fox	\$25.00

## Scaffolding Safety and User's Awareness Class

This class covers the use of Frame, Pole, Rolling and Tubular scaffolds. This class will cover the proper methods of scaffold use, erection, inspection and maintenance. General contractors are now requiring that any personnel using scaffolding on a project must have taken Scaffold Training or User's Awareness Training.

DAYS	DATES	SESSIONS	TIME	LOCATION	INSTRUCTOR	DEPOSIT
W	4/19	1	4:30-7:30pm	Classroom 2	Fewkes	\$25.00
W	10/18	1	4:30-7:30pm	Classroom 2	Fewkes	\$25.00

## TAB Certification "Prep" Course

This course is designed to teach the student from entry level to the experienced level the necessary technical skills to become a Testing, Adjusting, and Balancing (TAB) Certified Technician. This course is a combination of classroom theory and lecture as well as hands-on practical training. To become a TAB Certified Technician each participant must successfully pass the International Certification Board (ICB) online exam as well as pass the practical exam at the Local 105 Training Center Certified TAB Lab in City of Industry.

DAYS	DATES	SESSIONS	TIME	LOCATION	INSTRUCTOR	DEPOSIT
M TH	2/6-5/18	29	4:30-7:30pm	HVAC Lab	Wright	\$25.00

### TAB Online Testing

S	5/20	1	8:00am-1:00pm	Classroom 1 (computer lab)	Caricato	
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M TH	8/7-11/16	29	4:30-7:30pm	HVAC Lab	Wright	\$25.00
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### TAB Online Testing

S	11/18	1	8:00am-1:00pm	Classroom 1 (computer lab)	Caricato	
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## Title 24 CEC Mechanical Acceptance Testing Technician Course

This course has a prerequisite. Each participant must be a Certified TAB Technician to receive this training. This course will cover the California Code of Regulations Title 24, Part 1, Section 10-103-B for Nonresidential mechanical acceptance tests in Outdoor Air Ventilation Systems, Constant Volume, Single Zone Unitary Air Conditioners and Heat Pumps, Air Economizer Controls, Demand Control Ventilation Systems, Supply Fan Variable Flow Controls, and Automatic Demand Shed Controls. Participants will also be required to take and pass the Acceptance Testing Technician Exam administered by the National Energy Management Institute Committee (NEMIC) and the International Certification Board (ICB).

DAYS	DATES	SESSIONS	TIME	LOCATION	INSTRUCTOR	DEPOSIT
MTW	12/4-12/6	3	4:30-7:30pm	HVAC Lab	Wright	NDR
<b>Testing</b> TH	12/7	1	4:00-8:00pm	Classroom 1	Caricato	

## Welding Courses

These courses are designed to introduce the participant to welding or enhance their welding skills and overall knowledge of the welding process for the sheet metal industry. **This is not a certification course!** Welding certification exams can be set up in the future based on the student's welding competencies.

DAYS	DATES	SESSIONS	TIME	LOCATION	INSTRUCTOR	DEPOSIT
<b>Introduction to Welding</b>						
MT	6/5-7/3	9	4:30-7:30pm	Weld Shop	Stewart	\$25.00
<b>GMAW (MIG)</b>						
WTH	3/22-4/20	10	4:30-7:30pm	Weld Shop	Wright	\$25.00
<b>GTAW (TIG)</b>						
WTH	2/15-3/16	10	4:30-7:30pm	Weld Shop	Wright	\$25.00
<b>SMAW (STICK)</b>						
MT	7/10-8/8	10	4:30-7:30pm	Weld Shop	Stewart	\$25.00

## Welding Certification Testing and Renewals

These pre-scheduled sessions are days that members can renew their current certifications or try to obtain a welding certification in the process of GMAW, FCAW, SMAW, and GTAW. All welding certification exams consist of both written and practical portions. You must have knowledge of welding to sign up for the certification test day. These test sessions are not training sessions. They are designed to give each member a convenient time to renew or take a certification exam. Remember, Structural D1.1 certifications expire every 6 months and light gauge D9.1 certifications expire every 12 months.

DAYS	DATES	SESSIONS	TIME	LOCATION	INSTRUCTOR	DEPOSIT
W	2/1	1	8:00am-4:30pm	Weld Shop	Baker	\$25.00
S	3/4	1	8:00am-4:30pm	Weld Shop	Baker	\$25.00
S	6/10	1	8:00am-4:30pm	Weld Shop	Baker	\$25.00
W	8/2	1	8:00am-4:30pm	Weld Shop	Baker	\$25.00
S	10/7	1	8:00am-4:30pm	Weld Shop	Baker	\$25.00

## TECHNICIAN ADVANCEMENT COURSES

These courses are designed to enhance and improve the technical skills and overall knowledge of the sheet metal industry for all participants. Technicians "C" through "A" are required to take these courses annually to receive an advancement in wage and classification level. Each participant is expected to maintain 100% attendance to receive course credit. All members who successfully complete these courses will receive a certificate of completion from the JATC.

DAYS	DATES	SESSIONS	TIME	LOCATION	INSTRUCTOR	DEPOSIT
<b>Technician C &amp; D course</b> - No class on Tuesday July 4th						
TTH	6/6-7/6	9	4:30-7:30pm	Classroom 2	Wright	NDR
<b>Technician A &amp; B course</b>						
TTH	7/11-8/10	10	4:30-7:30pm	Classroom 2	Wright	NDR

# REQUIRED MEMBER CERTIFICATION CLASSES

## CPR/First Aid Classes:

All members must hold a valid certification in CPR and First Aid in order to be dispatched from the SMART Local 206 office. Students will learn how to recognize many life threatening emergencies such as providing CPR, relieving choking and providing first aid to injured victims. This certification expires every two years, and all members are required to retake the course in order to renew their certification. All participants will receive a wallet size certification card.

Tuesday January 3, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday January 14, 2017	Local 206 Auditorium	8:00 a.m. – 11:30 a.m.
Tuesday February 7, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday February 11, 2017	Local 206 Auditorium	8:00 a.m. – 11:30 a.m.
Tuesday March 7, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday March 11, 2017	Local 206 Auditorium	8:00 a.m. – 11:30 a.m.
Tuesday April 4, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday April 8, 2017	Local 206 Auditorium	8:00 a.m. – 11:30 a.m.
Tuesday May 2, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday May 13, 2017	Local 206 Auditorium	8:00 a.m. – 11:30 a.m.
Tuesday June 6, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday June 10, 2017	Local 206 Auditorium	8:00 a.m. – 11:30 a.m.
Tuesday July 11, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday July 8, 2017	Local 206 Auditorium	8:00 a.m. – 11:30 a.m.
Tuesday August 1, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday August 12, 2017	Local 206 Auditorium	8:00 a.m. – 11:30 a.m.
Tuesday September 5, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday September 9, 2017	Local 206 Auditorium	8:00 a.m. – 11:30 a.m.
Tuesday October 3, 2017	HVAC Lab	5:00 p.m. – 8:30 p.m.
Saturday October 14, 2017	Local 206 Auditorium	8:00 a.m. – 11:30 a.m.
Tuesday November 07, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday November 18, 2017	Local 206 Auditorium	8:00 a.m. – 11:30 a.m.
Tuesday December 5, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday December 9, 2017	Local 206 Auditorium	8:00 a.m. – 11:30 a.m.

## Construction Safety/Fall Protection Classes

All members must hold a valid certification in Construction Safety and Fall Protection in order to be dispatched from the SMART Local 206 office. This class covers jobsite and shop safety, equipment/ladder/tool safety, PPE, lock-out/tag out, fall arrest, rescue plan, etc. This certification expires every two years, and all members are required to retake the course in order to renew their certification. All participants will receive a wallet size certification card.

Thursday January 5, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday January 14, 2017	Local 206 Auditorium	12:00 p.m. – 3:30 p.m.
Thursday February 9, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday February 11, 2017	Local 206 Auditorium	12:00 p.m. – 3:30 p.m.
Thursday March 9, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday March 11, 2017	Local 206 Auditorium	12:00 p.m. – 3:30 p.m.
Wednesday April 5, 2017	Classroom 2	5:00 p.m. – 8:30 p.m.
Saturday April 8, 2017	Local 206 Auditorium	12:00 p.m. – 3:30 p.m.
Thursday May 4, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday May 13, 2016	Local 206 Auditorium	12:00 p.m. – 3:30 pm.
Thursday June 8, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday June 10, 2017	Local 206 Auditorium	12:00 p.m. – 3:30 p.m.
Thursday July 13, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday July 8, 2017	Local 206 Auditorium	12:00 p.m. – 3:30 p.m.
Thursday August 3, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday August 12, 2017	Local 206 Auditorium	12:00 p.m. – 3:30 p.m.
Thursday September 7, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday September 9, 2017	Local 206 Auditorium	12:00 p.m. – 3:30 p.m.
Thursday October 5, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday October 14, 2017	Local 206 Auditorium	12:00 p.m. – 3:30 p.m.
Thursday November 9, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday November 18, 2017	Local 206 Auditorium	12:00 p.m. – 3:30 p.m.
Thursday December 7, 2017	Local 206 Auditorium	5:00 p.m. – 8:30 p.m.
Saturday December 9, 2017	Local 206 Auditorium	12:00 p.m. – 3:30 p.m.

## 2017 Observed Holidays

The JATC Training Center is closed with no classes on:

**New Year's Day** - Monday, January 2nd

**Presidents Day** - Monday, February 20th

**Good Friday** - Friday, April 14th

**Memorial Day** - Monday, May 29th

**Independence Day** - Tuesday, July 4th

**Labor Day** - Monday, September 4th

**Veterans Day** - Saturday, November 11th

**Thanksgiving Day** - Thursday, November 23rd and Friday, November 24th

**Christmas Day** - Monday, December 25th

## Online Courses offered from the iTi and SMACNA of San Diego

These courses are designed to enhance your technical skills with a more convenient schedule to the member. Online courses consist of:

### International Training Institute (iTi):

AutoCAD Exercises

Fire Life Safety Level One Technician (Certification Course)

Fire Life Safety Level Two Technician (Certification Course)

Foreman Training

Supervisory Training

Please visit [www.sheetmetal-iti.org](http://www.sheetmetal-iti.org) for details. If you do not already have a user profile you will need to create one. All courses listed above are free to all members in good standing.

### SMACNA of San Diego

Confined Space Entry Training for Construction (OSHA 29 CFR 1910.146)

OSHA 10

OSHA 30

Please visit [www.sd-smacna.org](http://www.sd-smacna.org) under *Virtual Training* for details. Please follow all the instructions listed to be eligible for tuition reimbursement from SMACNA of San Diego.

**Reminder:** You must be registered in order to attend any of the above training. This schedule may be subject to change at the discretion of the JATC.

If you have any questions regarding the training offered, please feel free to contact Chris Caricato, JATC Training Director, at 619-265-2758 or [CCaricato@smjatc.org](mailto:CCaricato@smjatc.org).

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The graphic features the year '2017' in a large, bold, black sans-serif font. The zero is stylized with a yellow hammer, a pair of yellow pliers, and a yellow pencil crossed over it. A red horizontal bar spans across the bottom of the numbers, containing the text 'TRAINING SCHEDULE' in white, bold, uppercase letters.

# 2017 TRAINING SCHEDULE