

SERVICE TECHNICIAN SEMINARS

USACD SOUTHERN CALIFORNIA

Residential Variable and Modulating Capacity Units:

You will be introduced to the new Variable and Modulating Capacity residential systems. The technology is advanced and unlike the majority of unitary products. Self-diagnosis is a new unit feature which will assist the service technician. This class will boost your ability to perform premium service for your customer. You will learn proper installation, adjustment, control operation and service of the new units. General knowledge and understanding of heat pumps and AC is recommended. PLEASE NOTE THAT THIS CLASS DOES NOT REPLACE THE YORK ONLINE CERTIFICATION COURSE REQUIRED TO PURCHASE THIS PRODUCT. THE COURSE WILL PREPARE THE TECHNICIAN TO TAKE THE ONLINE COURSE & EXAM. Instructor Bruce Neilson, class hours 6-9 pm. NATE approved 3 CEH's, course #8555-0023. CEH's apply to ACIN, ACSV, ADIN, ADSV, HPIN, HPSV, EASR, HSPV.

01/02/18 Industry	01/16/18 Camarillo
01/04/18 Anaheim	01/18/18 Van Nuys
01/09/18 Riverside	01/23/18 Cathedral City
01/11/18 San Diego	4/26/18 San Diego

Residential Gas Furnaces: We will cover 80% & 90% gas furnaces, operation, controls, sequence of operation, circuit boards and troubleshooting. Combustion air and venting requirements will also be covered. Instructor Jim Fleming, class hours 6-9 pm. NATE approved 3 CEH's, course #8555-0012. CEH's apply to GSSV.

02/06/18 Industry	02/15/18 Anaheim
02/08/18 Camarillo	02/20/18 Van Nuys
02/13/18 Riverside	02/22/18 San Diego



Mitsubishi Mr. Slim: This service seminar will provide the participant with a brief overview of information required for designing, installing, commissioning and servicing Mr. Slim M&P series systems. Some of the objectives are: a description of their components, refrigerant flow, appropriate tubing requirements, high and low voltage wiring, internal electrical circuits, typical operation, pressure and temperature reading and voltage measurements during a system check of the Mr. Slim system. The course is recommended for installers, startup and service personnel for Mr. Slim M&P systems. Instructor is Bruce Neilson. PLEASE NOTE CLASS WILL BEGIN AT 5:00 AND END AT 9:00 PM. NATE credits given, course #1650-0003.

03/06/18 Industry	03/15/18 Anaheim
03/08/18 Riverside	03/27/18 Camarillo
03/13/18 San Diego	03/29/18 Cathedral City

Air Conditioning Mechanical Troubleshooting: This class will cover diagnostic troubleshooting of the mechanical refrigeration system. We will evaluate system problems by systematically determining causes and effect when different components in the system malfunction. Instructor Mike Welsh, class hours 6-9 pm. NATE approved 3 CEH's, course #8555-0015. CEH's apply to ACIN, HPIN, ACSV, HPSV.

04/13/18 Industry	04/17/18 Cathedral City
04/05/18 Camarillo	04/19/18 Van Nuys
04/10/18 Riverside	04/24/18 Bakersfield
04/12/18 San Diego	

Residential Package Units: This class will introduce the new redesigned residential package heat pump and gas electric product. This product is sold under the York, Luxaire and Coleman logos. You will learn proper installation, adjustment, control operation and service of these new units. General knowledge and understanding of heat pump and gas heating operation will also be included. If residential and light commercial package product is part of your business, this is a must class for you. Instructor Mike Welsh, class hours 6-9 pm. NATE approved #8555-0016; CEH's apply to ACIN, ACSV, ADIN, ADSV, HPIN, HPSV, EASR, GSIN, GSSV, HSPV.

05/01/18 Industry	05/10/18 Camarillo
05/03/18 Anaheim	05/15/18 Riverside
05/08/18 Van Nuys	05/17/18 San Diego

Refrigerant Charging Techniques: This class will cover procedures for correctly charging systems. With the introduction of Micro Channel Condensing coils and the changeover to R410A refrigerant, the charging procedures are considerably more critical. We will review evacuation and dehydration procedures as they relate to R410A refrigerant and synthetic oils. Class hours 6-9 pm. NATE approved 4 CEH's, course #8555-0014. CEH's apply to ACIN, HPIN, ACSV, HPSV.

06/05/18 Camarillo	06/12/18 San Diego
06/07/18 Riverside	06/14/18 Anaheim

Legend for NATE CEH abbreviations:

ACIN	Air Conditioning- Air to Air: Installer
ACSV	Air Conditioning – Air to Air: Service
ADIN	Air Distribution – Low Pressure: Installer
ADSV	Air Distribution – Low Pressure: Service
GSIN	Heating – Warm Air – Gas: Installer
GSSV	Heating – Warm Air – Gas: Service
HGIN	Heating – Hydronics – Gas: Installer
HGSV	Heating – Hydronics – Gas: Service
HOIN	Heating – Hydronics – Oil; Installer
HOSV	Heating – Hydronics – Oil; Service
HPIN	Heating – Heat Pump Air to Air: Installer
HPSV	Heating – Heat Pump Air to Air: Service
OLIN	Heating – Warm Air – Oil: Installer
OLSV	Heating – Warm Air – Oil; Service
EASR	Efficiency Analysis Senior
HSPV	HAVC Service Performance Verifier

Instructor-led evening classes to assist the service professional to stay updated and informed. USACD is a NATE recognized training provider.

General Information

Tuition: The tuition for each class is \$40.00. Tuition is due at time of registration via PO, check, money order or credit card. Companies with an active line of credit may submit a purchase order.

Discounts: *Multiple Student Discount* - Receive a \$5.00 discount per student when registering two or more students to the same class. Students must attend to receive the discount. *Certified Comfort Expert Discount* - Receive a \$10.00 discount per student; multiple student discount cannot be applied (Please identify disc in the payment portion of the registration form).

Class Locations: Held at USACD branch locations except for Camarillo. Camarillo classes are held at the Best Western, 295 E. Daily Drive.

RSVP's and Cancellations: Please pre-register for seminars to ensure that there is enough materials and dinner for each attendee. RSVP's can be done online <http://www.us-ac.com/TrainingSignup.asp> or completing the registration form on the back side. RSVP's and cancellations must be made 24 hours in advance. Student substitutions are always welcome if the registrant is unable to attend. Late cancellations and no shows will be billed for the class.

Miscellaneous: A light meal is included prior to start of class. Most classes qualify for 3 hours of NATE continuing education credit. Classes are subject to a minimum enrollment and to change without notice. Instructors are US Air Conditioning Distributor employees in the Customer Assurance Department.

Questions: Please contact Marie Rohde at m.rohde@us-ac.com or 626-854-6833.



CLASS REGISTRATION FORM

Student Name(s)

Company Name

Email

Telephone

Address/Street/City

Desired Class(es) / Date(s)

Payment Method

Bill me

USACD account # _____ PO # _____

Check or money order payable to USACD

Credit card (Circle)



Card number

Cardholder name printed

Cardholder signature

Exp date _____

Security code _____

By signing and sending this form you authorize USACD to process the above amount to the listed credit card number and to the terms outlined in the course advertisement.

RSVP one of these easy methods

Email m.rohde@us-ac.com

Fax 626-854-6840

Mail USACD

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Marie Rohde