

Air Conditioning for Oilheat Techs

Spring 2020

Instructor: Eric Mamonas

When: 4-2 to 4-18, 2020

Tues/Thurs 6 PM – 9 PM

Sat 4-18 8 AM - noon

Where: SCCC, Brentwood

Tuition: \$695.

Course includes:

- **Basic refrigeration cycle**
- **Sub-cooling & superheat**
- **Metering devices**
- **Start-up procedures**



Register online @
oilheatcomfortcorp.com

or

www.nyoha.org

Oil Heat Comfort Corp. & New York Oil Heating Association 2020 Intro to A/C, Charging Procedures & Startup

This course will provide service technicians with an understanding of AC system components, the refrigeration cycle, refrigerant pressure states, conditions, and charging procedures.

During the system startup portion of the class attendees will learn condensate drain and pan cleaning; indoor and outdoor unit inspection; indoor & outdoor coil cleaning; motor current draw and its relationship to air flow problems; and how to present additional costs or problems to homeowners

Lab time will enable students to practice the skills they learn. By the end of the class, attendees will be able to:

- Describe the components of a refrigeration system.
- Describe the refrigeration cycle with the refrigerant states and conditions during the cycle.
- Describe, perform, and use subcooling measurements.
- Describe, perform, and use superheat measurements.
- Describe different types of metering devices and their applications.
- Describe system charge with different types of metering devices using subcooling or superheat and weighing in refrigerant for critical charge applications.
- Effectively clean and recognize problems with condensate lines.
- Effectively inspect indoor and outdoor equipment for signs of problems.
- Effectively perform indoor and outdoor coil cleaning.
- Effectively analyze motor current draw to determine air flow problems.
- Communicate additional costs or problems to homeowners.

We expect to offer several sessions of this program. The first session will be held on:

4-2, 4-7, 4-9 and 4-14 from 6-9 PM And Sat 4-18 from 8AM – noon.