

**Hands-On  
Training**

# AC/Refrigeration Simulator Technology Day

This full day training course lets you work with a live simulator using a series of mechanical and electrical exercises that often plague refrigeration and air conditioning systems. You will analyze and determine the best course of corrective action and learn best practices to achieve continued efficient system performance. Working one-on-one with an Emerson Certified Instructor ensures that your understanding and training is complete. The ultimate learning experience in solving system mysteries – we like to call it “Compressor CSI”.

## Course Topics

- Pump Down
- System Evacuation
- Valve Plate Change
- Faulty Capacitor
- Low Charge
- Faulty Evaporator Fan
- Clogged or Restricted Drier
- Refrigerant Leak
- Dirty or Restricted Condenser
- Loose Electrical Connections
- TXV Superheat
- Compressor Failure Change Out
- Adjust Low Pressure Control – CI/CO
- Change Out Low Pressure Control

***Do you love to get your hands dirty and make things work? – then this course is for you!***



Education You Can Build On



# Program Details

## Who should attend?

- Refrigeration Technicians
- AC Technicians
- Installers
- End User Service Technicians
- Service Managers
- Facilities Engineers

## What to expect:

- Completely updated material
- Includes latest technologies and regulations
- Engaging multimedia training visuals
- Emphasis on field service and troubleshooting skills
- Led by industry-recognized Emerson instructors
- Comprehensive take-home participants manual
- FREE online access to reference materials, apps and more
- Complete exercises in small groups on live simulators

## Take advantage of our hospitality

Your meals are included. Enjoy a light breakfast, lunch and refreshments while you're with us.

## A location near you

Emerson Educational Services training is available throughout North America in various locations. Check for the nearest location on [Education.Emerson.com](http://Education.Emerson.com) under **Instructor Led Courses**.

**\$325** *is all it costs to attend this hands-on course!*

**800-748-2779**

**Education.Emerson.com**

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## What you'll take home:

In addition to what you'll learn at the training event, you'll also take home all of the literature and training materials provided in the class including:

- Participant Manual
- Technical Help Guide
- Online Product Information (OPI)



## Recognized industry leaders

Emerson's Educational Services group delivers comprehensive training programs that cover essential service skills and keep you up-to-date on emerging technology. From hands-on seminars to online tools, Emerson provides the training you need, at a time and place that fits your schedule.

Every course is led by an Emerson instructor with extensive hands-on experience, and an innate understanding of the contractor's business, needs and concerns.

## Continuing education credits:

- 8 hours of NATE-recognized continuing education credit towards recertification in air conditioning, air distribution, refrigeration and heat pump installation and service.
- Educational Services is authorized by IACET to offer 0.7 CEUs for each program.



**EMERSON. CONSIDER IT SOLVED.™**

# Hands-On AC/ Refrigeration Simulator Technology Day

Dates: **May 15, 2024**  
Course Hours: **8:00 a.m. - 5:00 p.m.**  
Location: **ILLCO, Inc.**  
**780 Lively Blvd**  
**Elk Grove Village, IL 60007**  
**847-228-1200**

Questions regarding this class?  
Call (800) 748-2779



## **Fee & Payment Method:** *(Fee must be paid prior to start of class.)*

**Price:** \$325 per student – includes lunch and refreshments



MasterCard     VISA     American Express     Bill Heatcraft Ref. Prod. LLC Acct # \_\_\_\_\_

Check Payable to: Emerson Climate LLC/Educational Services, if registering with Emerson Climate Services LLC

Name on Card: \_\_\_\_\_ Card Number: \_\_\_\_\_

Exp. Date: (mm/yr) \_\_\_\_\_ CVS Code \_\_\_\_\_ What's the CVS code?    MC/Visa    AMEX

Cardholder's Signature: \_\_\_\_\_



3 digits



4 digits

## **Attendee Information:**

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Company Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Type of Business: \_\_\_\_\_ Job Title: \_\_\_\_\_

## **Return Registration To:**

**Cold Chain Educational Services**  
[Coldchain.educationalservices@copeland.com](mailto:Coldchain.educationalservices@copeland.com)

Registration acceptance is on a  
first-come, first-served basis.

**We Train**



**Professionals**

**Education You Can Build On**

**COPELAND**

# Copeland Hands-On A/C & Refrigeration Simulator Class

Presented by **ILLCO** and Copeland Educational Services

**This is the ultimate learning experience in solving system mysteries**

This course is designed by Copeland with a series of mechanical and electrical exercises that often plague refrigeration and air conditioning systems. You will analyze and determine the best course of corrective action and learn best practices to ensure efficient system performance into the future

You will work **one-on-one** with their professional instructor, to be sure that your understanding and training is complete.

This full day training course also lets you work with a live simulator. And, each exercise comes with a worksheet that sets up the problem and assists with the diagnosis by charting key system data necessary for your analysis.

#### **Continuing Education Credits:**

- 8 hours of NATE recognized continuing education credits toward recertification in air conditioning, air distribution, refrigeration and heat pump installation and service.
- Copeland Educational Services is authorized by IACET to offer 0.7 CEUs for this program

## Wednesday May 15

**ILLCO • Elk Grove Training Center**  
780 Lively Blvd • 847-228-1200

## 8:00am to 5:00pm

***Class limited to 24 persons***

### **\$325 registration fee**

**For more info call Karen or Tony at 708-579-5600**

Fee can be charged to your account, paid by cash, company check or credit card.  
*Payment & registration must be received prior to all seminars.*  
*NO registrations or payments will be taken at the door.*