

Hands-On AC/Refrigeration Simulator Technology Day

Do you love to get your hands dirty and make things work? Then this class is for you!

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”.



Every seminar offered from Educational Services is led by an Emerson certified instructor. The curriculum is carefully developed to provide a thorough and comprehensive educational experience.



Exercises include:

- 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
- CPR Adjustment
- Compressor Failure Change Out
- Adjust Low Pressure Control – CI/CO
- Change Out Low Pressure Control

Education You Can Build On


EMERSON
Climate Technologies

Program Details

Who should attend this one-day program?

Air conditioning and refrigeration technicians (new and experienced), as well as contractors, end users (service), installers, service managers and facilities engineers.

Hospitality:

A light breakfast, lunch, and refreshments will be provided.

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.

Training materials provided:

- Participant manual
- Technical Help Guide
- Application Engineering bulletin CD
- Online Product Information (OPI)

Fee:

- \$495 per course

Location:

Various locations throughout North America



MORE Specialized Technology Days

For course schedules and registration information, visit Education.EmersonClimate.com or call 800-748-2779

Scroll Compressor

- Refrigeration Basics
- Additional System Components
- Refrigerants and Oils
- Scroll Technology Fundamentals
- Scroll Applications

Compressor Applications & Technologies

- Compressor Protection
- Compressor Modulation
- Retrofit Refrigerants
- Introduction to E2 System Controllers

Compressor & System Troubleshooting

- Compressor Troubleshooting
- Refrigeration and Compressor Fundamentals
- Refrigeration System Troubleshooting
- Electrical Component Troubleshooting

Educational Services – *We have the resources to deliver*

Technical training is more important than ever. Emerson's Educational Services group delivers comprehensive training programs that not only cover essential service skills, they also 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. Emerson is also a proud supporter of industry associations and certification programs.

Emerson instructors – *Recognized industry leaders*

Every Emerson Climate Technologies course is led by an Emerson certified instructor. With exceptionally broad knowledge and understanding of refrigeration principles, technology and the industry as a whole, each of our instructors has extensive hands-on experience, and an innate understanding of the contractor's business, needs and concerns.

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this program



We Train
Technicians for



NATE
Certification

Education.EmersonClimate.com

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