

Residential Scroll

Scroll technology has revolutionized the HVAC/R industry with energy efficient systems. This course will provide you with the knowledge you need to be proficient - and successful - with this advanced technology. Proper scroll service techniques and practices are presented clearly and with valuable insights into how to apply them efficiently in the real-world service environment. Copeland Scroll™ compressor training also covers new refrigerant technologies, proven troubleshooting techniques and practices, and today's advanced systems technology which enables communication and coordination among various system components.

Course Topics

- System Fundamentals
- Refrigerants and Oils
- Applicable Environmental Regulations
- Scroll Technology Principles and History
- Scroll Components
- Scroll vs. Reciprocating Design
- Compressor Failure Modes
- Internal Scroll Safety Controls
- Scroll Compressor Change Out
- AC Scroll Applications
- Digital Technologies
- Copeland Scroll™ Two-Stage Applications
- Variable Speed Scroll
- Online Tools and Mobile Apps

Be proficient – and successful – with scroll technology in air conditioning applications!



Education You Can Build On

COPELAND™


EMERSON™

Program Details

Who should attend?

- Air Conditioning Technicians
- Refrigeration Technicians
- Contractors
- Installers
- Service Managers
- Facilities Engineers

What to expect:

- Improved customer service leads to greater customer satisfaction and retention
- More accurate diagnosis and troubleshooting
- More effective repairs – with fewer costly callbacks
- Increased technician productivity – more calls per day mean more capacity for growing your business

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
- Approved Refrigerants and Lubricants Document
- Online Product Information (OPI)

Take advantage of our hospitality

Enjoy a light breakfast, 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 under **Instructor Led Courses**.

\$100 *is all it costs to attend this event!*

800-748-2779

Education.Emerson.com

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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:

- 4 hours of NATE-recognized continuing education credit towards recertification in air conditioning, air distribution, and heat pump installation and service.
- Educational Services is authorized by IACET to offer 0.4 CEUs for each program.



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