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!
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.

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.

$100 is all it costs to attend this event!

800-748-2779
Education.Emerson.com