Air conditioning system technology has evolved to take advantage of new compressor technologies and environmentally-friendly refrigerants. This course will provide you with the knowledge you need to be proficient – and successful – with this advanced technology. Proper service techniques and failure avoidance practices are presented clearly and with valuable insights into how to apply them efficiently in the real-world service environment. Failure avoidance and system technologies training for air conditioning also covers compressor application and today’s advanced systems technology which enables communication and diagnostics.

**Course Topics**

- Understanding the AC Cycle
- Compressor Technologies
- Scroll Components
- Internal Scroll Safety Controls
- AC Scroll Applications and System Accessories
- Copeland Scroll™ Two-Stage
- Variable Speed Scroll
- Digital Technologies
- Compressor Failure Modes
- Online Tools and Mobile Applications

*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
• Compressor Product Guide
• Temperature Pressure Chart

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 under Instructor Led Courses.

$395 is all it costs to attend this event!

800-748-2779
Education.Emerson.com

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, and heat pump installation and service.
• Educational Services is authorized by IACET to offer 0.7 CEUs for each program.

2013ES-52 R3 (8/17) Emerson, Copeland and Copeland Scroll are trademarks of Emerson Electric Co. or one of its affiliated companies. ©2017 Emerson Climate Technologies, Inc. All rights reserved.