



COPELAND™

Copeland™ Refrigeration Certifications

HVAC/R SYSTEM TROUBLESHOOTING

NC3 and Copeland help shape tomorrow's workforce through certification programs, industry supported curriculum and hands-on training. Students receive classroom instruction on refrigeration system components and maintenance procedures.

PROGRAM OBJECTIVES

- ◆ Diagnose electrical and mechanical issues impacting refrigeration systems.
- ◆ Use Emerson Mobile Apps to locate information and troubleshoot products.
- ◆ Perform troubleshooting tasks to resolve refrigeration system issues.
- ◆ Evaluate system conditions to troubleshoot refrigeration system issues.

PROGRAM OUTCOMES

- ◆ Students that complete the HVAC/R System Troubleshooting certification will demonstrate proper mechanical and electrical troubleshooting service practices on a refrigeration system.
- ◆ Students that complete the HVAC/R System Troubleshooting certification will correctly perform refrigeration maintenance tasks including a replacing system filter drier, low-pressure control, valve plate, and compressor.

COURSE CONTENTS INCLUDE:

- ◆ Working with Copeland Mobile Apps
- ◆ HVAC/R System Troubleshooting
- ◆ Electrical Motor Applications

HANDS-ON TRAINING

Students perform refrigerant pump down and component replacement tasks using an Emerson Refrigeration System Simulator.



For more information, contact NC3 at nc3.net.



Copeland™ is a proud partner of the National Coalition of Certification Centers. Copeland™ Certifications are developed and administered by NC3 (National Coalition of Certification Centers) and are compatible with other industry recognized certifications.