

# Advanced Electrical Troubleshooting

You'll learn how to become proficient on the latest variable speed motors, electronic controls, and microprocessor technology. **Twice daily labs** will include gas heating, air conditioning, and packaged equipment, along with exercises on electrical and economizer board simulators.

RSC's HVAC equipment is bugged with multiple faults to improve the learning process. Students are taught troubleshooting strategies which enable them to put their classroom knowledge to work.

Tuition is \$745 and includes materials, lunches, and breaks.

**Excellent Reviews  
From  
Spring Session!**

## Topics Covered:

- Electrical fundamentals review
- Schematic diagrams
- Troubleshooting circuits
- Electrical meters
- Troubleshooting electronic controls
- Troubleshooting microprocessors
- Troubleshooting motors – variable speed
- Troubleshooting compressors

## Class Schedule

**October 11, 12, & 13, 2011, 8:00am - 4:30pm each day**

Instructor: Jim Price, NATE certified

9450 Allen Drive, Valley View, OH 44125



## Hydronics

This special series is aimed at intermediate and advanced technicians who want to greatly improve their hot water technical skills. It will help techs address comfort issues; such as over-or under-heating, ghost circulation, and zoning problems. In addition, solutions to water distribution and air problems, caused by too much air in the system and poor circulation, are addressed.

Tuition is \$745 and includes materials, lunches, and breaks.

## Topics Covered:

- **Day 1, AM** - Hydronic principles and system components
- **Day 1, PM** - Piping applications
- **Day 2, AM** - Heat distribution and control
- **Day 2, PM** - Pumps, expansion tanks, & emitters
- **Day 3, AM** - Troubleshooting water & air problems
- **Day 3, PM** - Troubleshooting comfort & zone problems

## Class Schedule

**Oct. 25, Nov. 1, & Nov. 8, 9:00am - 4:00pm each day**

Instructor: Jim Filliez, RSES CMS

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