

Eastern Heating & Cooling Council

Training for the HVAC Professional

Gas Furnace Troubleshooting

This is a valuable course for learning basic gas furnace operation as well as improving troubleshooting skills. Through the use of computer simulated programs, technicians will learn to diagnose the two most common gas furnaces they are likely to encounter in the field – high-efficiency condensing furnaces and standing pilot-type furnaces. The class will explore the sequence of operation for these different types of furnaces in order to create a faster and more logical method for diagnostic procedures. This approach not only helps technicians on future service calls, but also allows them to share new diagnostic methods with other employees. This course will teach the technician not to be a “parts swapper” by exploring how to diagnose electrical parts using a voltmeter, an ohmmeter and an ammeter.

COURSE TOPICS:

- Ignition Diagnostics
- Burner Flame Flashback
- Failure of Safety Shutoff Circuit
- Defective Fan Limit Switch
- Heat Relay Contacts
- Thermostat Troubleshooting
- Blower Relay Coil
- Blower Motor Capacitor
- Vent Pressure Switch
- Blower Relay Contact
- Rollout Switch
- Gas Pressure Regulator
- High Limit Switch
- Gas Valves
- Heat Relay Coils
- Control Transformer
- Condensing & Non-Condensing Gas Furnaces



COURSE INCLUDES:

- Certificate of Attendance
- Manual
- Lunch

**To enroll, call toll free (800) 247-6547 or fax us at (856) 608-0923
Ask about our special in-house training rates!**