

## **RLEST-194: Heating, Ventilating & Air Conditioning for Home Inspectors**

### Course Description:

This course is designed to provide all the technical aspects of inspecting HVAC equipment. The course will cover a wide range of furnaces, boilers, space heaters, and supplemental heating systems. Also included are system efficiencies, accessory equipment, and gas leak and carbon monoxide testing.

Total Credits: 3.00

### Course Competencies

- 1. Determine if the furnace is a conventional, mid, or high efficiency gas furnaces.**
- 2. Identify the location and function of the components of a gas-fired, forced air furnace**
- 3. Demonstrate inspection procedures for gas furnaces**
- 4. Confirm the proper operation of gas-fired furnaces**
- 5. Demonstrate inspection procedures for oil-fired, forced air furnaces**
- 6. Identify the location and function of the components of an oil-fired, forced air furnace**
- 7. Confirm the proper operation of oil-fired furnaces**
- 8. Identify the location and function of the components of an electric, forced-air furnace.**
- 9. Demonstrate inspection procedures for electric furnaces**
- 10. Analyze proper operation of electric furnaces**
- 11. Identify the location and function of the components of an air-cooled, air conditioning system**
- 12. Demonstrate inspection procedures for air-cooled, air conditioning systems**
- 13. Confirm the proper operation of air-cooled, air conditioning systems**
- 14. Determine if the gas boilers is a conventional, mid, or high efficiency gas boilers.**
- 15. Identify the location and function of the components of a gas-fired boiler**
- 16. Demonstrate inspection procedures for gas furnaces**
- 17. Confirm proper operation of gas-fired boiler**
- 18. Confirm the proper venting system installation and operation**