



Residential Energy & Building Science

An Intensive One Day Seminar Covering The Basics of Performing Energy Inspections and Building Science Diagnostics

| Course Outline | Call (440) 946-7191 to Register by Phone |
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| <ol style="list-style-type: none"> 1. Home Energy Principles <ul style="list-style-type: none"> ○ Energy Efficient Construction ○ Energy Efficient Windows 2. Weatherization Basics <ul style="list-style-type: none"> ○ Insulation Basics ○ Densepack Wall Insulation ○ Air-Barrier Repair ○ Electrical Safety 3. Durable Healthy Homes <ul style="list-style-type: none"> ○ Mechanical Ventilation Systems ○ Indoor Air Quality Essentials 4. Baseload Measures <ul style="list-style-type: none"> ○ Domestic Hot Water ○ Residential Lighting 5. Home Heating <ul style="list-style-type: none"> ○ Gas Furnace Basics ○ Gas Furnace Evolution ○ Testing New Gas Furnaces ○ Air-Handler Airflow Measurement ○ Hot Water Heating Basics ○ Steam Heating Basics ○ Oil Burner Basics ○ Combustion Air ○ Chimneys and Venting | <ol style="list-style-type: none"> 6. Home Cooling <ul style="list-style-type: none"> ○ Low Energy Cooling ○ Air Conditioner and Heat Pump Basics ○ Charging AC's and Heat Pumps ○ Room Air Conditioners ○ Evaporative Coolers ○ Cool Roof Coatings 7. Duct Efficiency <ul style="list-style-type: none"> ○ Duct Efficiency Basics ○ Quality Duct Installation ○ Blower Door Duct Testing ○ Duct Blower Duct Testing ○ Duct Sealing 8. Shell Pressure Diagnostics <ul style="list-style-type: none"> ○ Blower Door Basics ○ Pressure Diagnostics: DG-3, DG-700 ○ Basic Pressure Diagnostics ○ Zone Pressure Diagnostics Basics ○ Add-a-Hole Pressure Diagnostics (Advanced) 9. Hands-On Demonstrations <ul style="list-style-type: none"> ○ Blower Door Setup ○ Duct Blaster Setup ○ Thermal Imaging Scanner Use ○ TrueFlow Airflow Measurement ○ Static Pressure Measurements |

- Seminar hours are from 8am – 5:30pm. There will be a half hour registration and supply handout from 8-8:30am and lunch from approx. 12 noon till 1:00pm.
- All attendee's will receive 300+ pg. Residential Energy manual and other handouts including forms, datasheets, etc.
- Attendee's are eligible for 10% discount when they attend future C.L.I. seminars and workshops.
- Although much of the information taught at our seminars can be used to enhance home inspection services, we do not promote using the information to create add-on energy services. A properly performed energy audit should be a stand alone service in order to fully evaluate a building.
- Heating and Cooling Segments are from independent training sessions but will be included to some degree if time permits.



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Upcoming Seminar Dates

Cleveland, OH - Friday June 16, 2006

Holiday Inn

CLEVELAND-EAST (WICKLIFFE)

28600 RIDGEHILLS DR

WICKLIFFE, OH 44092

UNITED STATES

Hotel Reservations: 1 888 HOLIDAY (888 465 4329)