

# February 22-26, 2010

## 5 day course 9AM-6PM

**THIS COURSE WILL BE HELD AT:**

## San Bernardino, CA



This course is for home improvement professionals who want to understand the basics of building science and whole-house-as-a-system to identifying and solving indoor air quality, comfort and air leakage problems in residential buildings.

This training can help develop new opportunities for your business by providing your customers a energy efficient, comfortable & durable home.

The 5 day course prepares the professional to conduct a comprehensive inspection and diagnostic analysis of a house using state-of-the-art diagnostic tools. The complete analysis includes a comprehensive evaluation and documentation of the building shell, assessment of the efficiency and safety of the mechanical systems and a recording of lights, appliances and other components of the home's base load energy use.

- (4) 8-hour days of classroom instruction**
- (1) 8-hour day of field training and BPI written exam**

**Building Performance Institute (BPI) Field Testing to be offered at a later date.**

## WHO SHOULD ATTEND

HVAC, Electrical & General Contractors, Remodelers, Installation Crews, Raters, Auditors, Inspectors, Builders, Realtors, Sales Representatives, Architects, Business-Professionals & Consultants Designers, Engineers.

## COST

### \$795

Additional field training offered at **\$195** a day

**\$350** for the field exam

**\$250** for the written

## WHAT YOU WILL RECEIVE

- 1.** Continental breakfast
- 2.** Textbook
- 3.** Inspection & diagnostics manuals, including checklist & inspection forms
- 4.** Discount on Retrotec Blower Door & Duct Blaster equipment purchased through CACTUS
- 5.** A hands-on lab and exercises



## TOPICS COVERED

- Building Science
- How the home works as a system
- Air Sealing and Insulation
- Indoor Air Quality issues
- Home Energy Analysis

### YOU WILL GAIN UNDERSTANDING OF:

- The fundamentals of building science.
- How to use the latest building science technology to resolve residential heating, cooling, baseload and air leakage problems.
- Diagnostics for assessing air leakage and efficiency in homes.
- Assessing building tightness, mechanical and distribution systems and combustion safety for a “whole house” performance based approach.
- Identify and understand building performance problems including mold, mildew, and indoor air quality issues.
- Analyze buildings using “blower door” technology and other diagnostic equipment.

## ADDITIONAL INFO

### Note: Additional Fees for Certification Testing

Following completion of the Building Analyst Training, participants will be eligible to take the BPI written and field exams. The cost of the tests are not included in the instructional fee. This written exam satisfies the first component of the BPI certification requirements. Candidates must also pass a performance exam before receiving certification. Please visit [www.bpi.org](http://www.bpi.org) for more information on BPI certification, or call BPI at 518-899-2727.

## CONTACT

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[www.greencactus.org](http://www.greencactus.org)

All registration fields must be filled in for registration to be considered complete

### REGISTRATION INFORMATION

FIRST NAME

LAST NAME

COMPANY / ORGANIZATION

ADDRESS

CITY

STATE

ZIP

PHONE

FAX

EMAIL ADDRESS

All information is kept confidential

### PAYMENT METHOD

**ONLINE PAYMENT**

CLICK BELOW TO PAY ONLINE.



**CHECK:**

MAKE CHECKS PAYABLE TO :

**CACTUS**

MAIL CHECKS TO:

**CACTUS**  
88 South Third Street  
San Jose, CA 95113

Refund Policy: All registration fees paid by the student shall be refunded if requested within three business days before the schedule training date. Refunds shall be returned within 30 days. Once the 3 business days have elapsed no refunds will be given.