



The Center for Energy Efficiency and Building Science
(CEEBS)
Hudson Valley Community College
 80 Vandenberg Avenue, Troy, NY 12180; JRD 112
Building Analyst July 2010
Instructor: Tim Smith
Training Location: Williams Hall, Room 158
 80 Vandenberg Ave, Troy, NY 12180
BPI Test Location: JRD 246

Classroom Dates: 7/13 (9am-4pm)
 7/14 (9am-4pm)
 7/15 (8am-4pm)
 7/16 (9am-4pm)
Field Dates: 7/19, 7/20 (9am-4pm)
BPI Test Date: 7/21 (8am-12pm)
Course registration & payment due: 7/6
Test registration & payment due: 7/14

Name: _____

Mailing Address: _____

City, State, ZIP: _____

Telephone: (Home): _____ (Work): _____ (Mobile): _____

Contact Email Address: _____

Social Security Number (Required):

I authorize payment and the release of all information to one or more of the following organizations involved in this training program: *New York State Energy Research and Development Authority (NYSERDA), Center for Energy Efficiency and Building Science (CEEBS), Long Island Power Authority (LIPA), United States Department of Labor (USDOL), Conservation Services Group (CSG), Building Performance Institute (BPI), Susan Dee Associates, TRC Energy Services.* I understand I may be contacted regarding future employment status due to *United States Department of Labor (USDOL)* requirements:

Signature of above named person, or if under 18 years of age, parent or guardian (Required):

The following information is required. It is used for reimbursement (if any) and program quality assurance:

Date of Birth: _____ **OR CHECK ONE** Under 18 Years of age ___ 18 or older ___ **(If under 18, skip to Payment)**

Employment Status: Employed ___ Employed but received termination notice/military separation ___

Not employed/not in military ___ Accepted position for future start date ___ **NOTE START DATE:** _____

If Employed/Accepted position: Company Name: _____

Company Address, City, State, ZIP: _____

Payment: Registration and/or payment will not be accepted after due date. Space not guaranteed due to class size limits.

Check if registering for course. **Cost:** \$1045.00 **Due:** 7/6

Check to register for written/online BPI test. **Additional Cost:** \$200.00 **Due:** 7/14

Company Federal Tax ID Number:

***Field proctored certification exams are available.** Complete separate field exam registration form (page 3). **Additional Cost:** \$350.00

The check for reimbursement (if seeking and available) should be sent to: Student ___ Company ___ **(NOTE ID # above)**

Where should the check be sent? Address: _____

City, State, ZIP: _____

Form: MasterCard ___ Visa ___ Check ___ (Payable to **HVCC WDI**. Must arrive by due date.) Purchase Order/Other ___

Credit Card/PO #: _____ **Expiration Date:** _____

Name on card/Detail for PO/Other: _____

Demographic information is requested. It is confidential and will only be used for program related activities:

Last Grade/Degree Completed: _____ **Veteran Status:** _____

Gender: Female ___ Male ___ **Disability Status:** Disabled ___ Not Disabled ___ **Ethnicity:** Check if Hispanic or Latino ___

Race: (Please check only one): American Indian/Alaska Native ___ Asian ___ Black/African American ___

Native Hawaiian/Other Pacific Islander ___ White ___ More than one race ___

Marital Status: Single ___ Married ___ Divorced ___ Widowed ___ Separated ___ Common Law ___

How did you hear about this training? _____

FAX to **(518) 629-4234** or mail (address above) completed registration form with payment information.

For more information visit **www.hvcc.edu/ceeb**s, email **ceeb**s@hvcc.edu, or call (518) 629-4111.



The Center for Energy Efficiency and Building Science (CEEBS)
Building Analyst Course Description

This training program will help you prepare for the Building Performance Institute's Building Analyst on-line and field tests, and will open your eyes to a new way of thinking about residential buildings. You'll come to understand how the house works as a system, why some homes fail, and how to use the latest building science technology to help resolve residential heating, cooling, and base load air leakage problems. By using a "whole house" performance-based approach, you'll address a comprehensive range of interrelated building issues and be able to provide your clients with a more comfortable, safe, durable, and energy efficient home.

Prerequisites:

Basic Building Science background is strongly recommended.

Schedule:

The Building Analyst Course consists of 24 hours of classroom instruction and 12 hours of field training for a total of 36 instructional hours. (flexible schedules offered)

Training Topics:

- Health & Safety
- Fundamentals of building science
- Identify building performance problems including ice dams, mold and mildew, and indoor air quality issues
- Energy consumption and analysis
- Analyze buildings using "blower door" technology and other diagnostic equipment
- Assess building tightness, mechanical and distribution systems, and combustion safety for a "whole house" performance-based approach
- Building Airflow Standard
- Heat loss calculations for existing and improved conditions
- Practical application of "blower door," combustion safety testing, and other diagnostics for assessing air leakage and efficiency in buildings

Reimbursement Information:

NYSERDA reimburses 75%-100% of the fee upon completion of the course to qualified students in the New York System Benefits Charge utility territories. Your level of reimbursement is dependant upon the location in which you perform work under the New York EnergySmart™ programs. This incentive is being offered by NYSERDA for a limited time. You must complete the entire course to receive Proof of Participation and reimbursement. ***Reimbursement is subject to change at NYSERDA's discretion.***

BPI Testing Information:

Following completion of this course, participants will be eligible to take the BPI written/online exam. The cost of the test is not included in the instruction fee. This written/online 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 for more information on BPI certification, or call BPI at (877) 274-1274.



The Center for Energy Efficiency and Building Science (CEEBS)
At Hudson Valley Community College
 JRD-112
 80 Vandenberg Avenue
 Troy, NY 12180

Building Analyst Field-Proctored Exam

Field Exam is given by appointment only
****Student must schedule directly with instructor, exam must be completed between 7/22/2010 and 8/7/2010**
Training Location:
 Exam location provided by student within Capital District/Albany NY area

Name: _____

Mailing Address: _____

City, State, ZIP: _____

Telephone: (Home): _____ (Work): _____ (Mobile): _____

Contact Email Address: _____

Social Security Number (Required):

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Cost: \$350.00

Company Federal Tax ID Number:

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Gender: Female ___ Male ___ Disability Status: Disabled ___ Not Disabled ___ Ethnicity: Check if Hispanic or Latino ___

Race: (Please check only one): American Indian/Alaska Native ___ Asian ___ Black/African American ___
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