



**The Center for Energy Efficiency and Building Science (CEEBS)**

**Broome Community College**

**Building Analyst**

**February 2010 – CN7-157-26**

**Course Dates:** Classroom – 2/22, 2/23 (8am-4pm), 2/24 (8am-5pm), 2/25 (8am-4pm);

Field – 2/26, 2/27 (8am-4pm) **Course Registration and payment due by:** 2/12

**BPI Test Date:** 3/1 (9:30am-12pm)

**Test Registration and payment due by:** 2/25

**Mailing Address:** 907 Upper Front Street, Binghamton, NY 13905

**Instructor:** Paul Carroll

**Training Location:** Room B030

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 only. **Cost:** \$1045.00 **Due:** 2/12

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

**Company Federal Tax ID Number:**

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

**Form:** MasterCard \_\_\_\_ Visa \_\_\_\_ Check \_\_\_\_ 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?** \_\_\_\_\_

Please fax completed registration form with payment information to **(607) 778-5535**. For more information please call **(607) 778-5012**.



**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](http://www.bpi.org) for more information on BPI certification, or call BPI at (877) 274-1274.

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