



NEW

BPI BUILDING SCIENCE PRINCIPLES CERTIFICATE CLASS DESCRIPTION

The School for Energy Efficiency provides a variety of home performance related courses, including an array of BPI (Building Performance Institute) certification courses. Recently, BPI added a new course offering that affords trades people, realtors, students, and a host of others currently in the business of performing home services, an opportunity to learn the basics of home performance, a systematic approach to improving the comfort, health, safety, energy efficiency and durability of a home.

Earning the Building Science Principles (BSP) certificate can be the first step into the world of energy efficient home performance. Building science demonstrates:

- How various components of the home interact to affect the home's overall performance
- The relationship between the building envelope, heating, A/C, insulation, mechanical ventilation, lighting, appliances and other systems of the home.
- How all of these systems affect the comfort, health and safety of occupants and durability of the home.
- Why improving the energy efficiency of the home is the first step toward solar, geothermal or other renewable energy improvements.

Course Objective: BPI provides a certificate of knowledge upon the passing their 100 question online exam. BPI provides a 258 page online or print version, reference guidebook to learn and study from. The School for Energy Efficiency has designed a study class to help guide those interested in taking the 100 question quiz, necessary to obtain the certificate. It is fully expected that those attending will have purchased the book and spent at least one-two hours looking it over. This course is not required to take the exam, the objective is to provide support and review to those who prefer to study with a highly experienced group and avoid the added fees of retesting.

The class is designed to help students understand the materials provided and then take the online test. A panel of experts in home performance, who are certified by BPI, will be available to answer any questions on the material from the guidebook, in addition, we will offer:

1. Overview of BPI and it's role
2. Studying tactics for the older student
3. Online testing and how it works
4. Chapter by chapter review of only the content areas of concern, as requested by students.

Audience: Building trade professionals, HVAC contractors, students, realtors, home appraisers, home inspectors, or anyone who is considering entering the home performance industry. This introductory class will enlighten you to the potentials of the home performance industry and your business potential within it. By taking this course, you will better understand home performance and if you determine that providing the actual installation services considered under home performance, you should then consider more stringent certification, such as Analyst and Envelope.

Business owners or managers who oversee BPI certified programs or employees on the front lines of the residential building trade, who don't need to be certified in the hands-on technical skills learned in other BPI Certification courses, such as Analyst and Envelop, would greatly benefit from this certificate.

Our instructors are heavily certified in the major Building Performance Institute Certification programs and have first hand field experience. Our school is a BPI certified test center and our exam proctors are also BPI certified. We have extensive hands on displays to learn from.

Cost: \$150 for the one day class (usually 8:30am – 3:00pm) \$ 25 to take the online test on site (*this cost does not include the cost of the online reference guide, currently \$99.00 nor the online testing fee of \$99, both of these must be purchased directly through bpi.org*).

