

Building Analyst Professional Certification

Green Institute at Palm Beach State College



BPI Building Analyst Professional Certification

Learn how to evaluate the energy performance, comfort and safety of a house through a comprehensive, whole-house diagnostic procedure.

Course offered in partnership with:



**Institute of
Envelope Science**

For additional offerings, schedules, fees or to register visit:

www.palmbeachstate.edu/GreenInstitute.xml

Want to be added to our mailing list? Send your email address to: ti@palmbeachstate.edu

Space is limited. Sign up now!

For more information call
561-868-3702

Building Analyst Professional Certification

TIO 0571

40 hours

\$1800.00

Learn the fundamentals of how a residential building works as a system and how to use the latest building science technology to help solve heating, cooling and air leakage problems. This course will teach how to evaluate the energy performance, comfort and safety of a house through a comprehensive, whole-house diagnostic procedure. This course is designed for individuals and companies that are interested in providing home energy assessments and/or retrofit services professionally. Architects, home inspectors, insulation, HVAC and remodeling contractors make ideal candidates. Certification requires completion of the course and passing both the written and field exams.

Course contains:

- The fundamentals of building science necessary to improve home performance
- To identify causes of building failure due to interrelated building issues
- The use of energy diagnostic equipment used to measure building performance
- Principles and techniques of combustion safety testing for heating appliances
- Calculation and implementation of proper ventilation strategies
- Techniques to address managing moisture in homes
- Comprehensive air sealing and insulating practices
- Cost effective solutions for failing homes
- BPI standards and testing practices necessary for completion and maintenance of certification

<u>Ref#</u>	<u>Dates</u>	<u>Day</u>	<u>Time</u>	<u>Campus</u>
156922	3/21-3/25	MTWRF	8a-5p	LW



**Green
Institute**