

# GREEN TECHNOLOGY TRAINING INSTITUTE

## Building Analyst & Weatherization Courses



### **Instructor Led Courses:**

#### **Building Analyst (BPI Certified Professional) (5 days – 40 hrs)**

The Building Performance Institute (BPI) is a nationally recognized institute providing certification for energy auditors. This course prepares individuals for a real world application of skills by providing a comprehensive understanding of the BPI Building Analyst exam. Through hands-on training, individuals will learn the “house as a system” approach to contracting and home assessment and ultimately be able to identify the causes and solutions for issues such as energy efficiency, air quality, safety and durability. Individuals will be prepared to pass the written and field examinations that are required to achieve BPI Building Analyst Certification.

#### **Weatherization Technician – Level 1 (5 days – 25 hrs)**

This course is designed to assist individuals in gaining an understanding of the background of the Weatherization Assistance Program, understand the principles of cost-effectiveness and the Savings to Investment Ratio, and recognize modern weatherization measures including: the House as a System and Building Science Basics, Blower Door Basics, Pressure & Thermal Boundaries, Combustion Safety, and Worker Safety.

#### **Weatherization Technician – Level 2 (4 days – 20 hrs)**

This course is designed to assist individuals in the demonstration of knowledge of program guidelines and the ability to install typical weatherization measures including: duct sealing/insulation, attic insulation and air sealing, installation of dense-pack sidewall insulation, window pane repair, installation of weather stripping, aligning pressure and thermal boundaries, mechanical ventilation, Basements and Crawl Spaces, Windows and Doors and weather stripping.

#### **Weatherization Crew Leader (3 days – 15 hrs)**

This course is designed to assist individuals in leading a crew of weatherization professionals including the technical and supervisory skills required to lead a home audit.

#### **Energy Related Mold and Moisture (2 days – 10 hrs)**

The course is designed for new energy auditors, experienced energy auditors, weatherization teams, employees of contractors, utility company employees, and state of Missouri personnel that work with the general public, licensed plumbers, electricians, and HVAC personnel, as well as current certified auditors and weatherization professionals. Upon completion of the class, individuals will have knowledge of molds, moisture, skills to test and prevent mold, have a better understanding and attitude regarding the dangers of mold, and will be able to educate the homeowner and community regarding mold.