

Weatherization Training Courses

2023 Course Descriptions



Retrofit Installer Technician

The Retrofit Installer Technician Course provides hands-on training for installing energy-efficient retrofit measures in residential buildings.

- The class covers safety protocols, equipment handling and industry best practices.
- Students will learn about insulation, air sealing, ventilation and heating and cooling systems.
- Upon completion, students will be able to conduct home energy audits, perform retrofits and improve energy efficiency in homes.
- Testing for this course will consist of a written and field practical exam.

Crew Leader

The Crew Leader Course is based on a National Renewable Energy Laboratory/U.S. Department of Energy Job Task Analysis (JTA) for Weatherization Crew Leader and provides advanced training for managing residential energy retrofit projects.

- The class covers safety protocols, cost estimation, client communication and team leadership.
- Students will learn about project planning, job scheduling, crew management and quality control.
- Upon completion, students will be able to supervise retrofit crews, ensure project efficiency and maintain high-quality standards in energy-efficient retrofit work.
- Testing for this course will consist of a written and field practical exam.

Energy Auditor

The Energy Auditor Course is based on a National Renewable Energy Laboratory/U.S. Department of Energy Job Task Analysis (JTA) for Energy Auditor and provides comprehensive training for conducting energy audits in residential buildings.

- The class covers safety protocols, inspection procedures and report writing
- Students will learn about building science principles, energy modeling and diagnostic tools.
- Upon completion, students will be able to perform energy assessments, identify energy-saving opportunities and provide energy efficiency recommendations to homeowners.
- Testing will consist of a written exam and three hands-on tests. A diagnostic house lab will provide the student with variety of real-world scenarios.

Quality Control Inspector (QCI)

The Quality Control Inspector (QCI) Training Course is based on a U.S. Department of Energy Job Task Analysis (JTA) for Quality Control Inspector and provides specialized training for inspecting and verifying the quality of energy retrofit projects.

- The class covers safety protocols, inspection procedures and report writing.
- Students will learn about quality assurance, compliance verification and industry standards.
- Upon completion, students will be able to conduct quality control inspections, verify compliance with energy codes and standards and ensure the success of energy retrofit projects.
- This class does not have a final test. Students receive a certificate of attendance. There is an optional take home practice test for the BPI Home Energy Professional QCI certification exam.