

Existing Homes Training Series

Overview

Advanced Energy's Existing Homes Training Series provides five courses tailored for retrofitting homes in order to determine and implement energy-efficiency measures. Courses are geared to provide attendees with classroom and real-world, hands-on experience to expand not only your knowledge base, but your profit line as well.

Introduction to Opportunities in the Existing Homes Market — 1/2 Day

Focus: How to capitalize on available opportunities in the existing homes market.

This half-day course will provide:

- Overview of market potential, flow of dollars and tax credits available for homeowners
- Introduction to the various roles this market will demand, from home assessor to contractor
- Tips for starting a business in this market
- Guidelines on training, customer segmentation and additional available programs

Principles of Building Science — 2 1/2 Days

Focus: Construction practices that yield positive results, fewer callbacks and increased profits.

This course combines classroom instruction with field visits to selected homes and will cover:

- Advanced framing
- Insulation
- Heating and air conditioning
- Ventilation and filtration
- Dynamics of heat, air and moisture flow



Retrofit for Crews — 3 Days

Focus: Training crews on basic building science skills necessary for successful home retrofits.

Crews will receive training as well as take-home tools on common efficiency measures in existing homes including:

- Attic air sealing
- Insulation
- Duct leakage and repair

Train the trainer- Retrofit for Owners, Supervisors and Trainers — 3 Days

Focus: Prepare crew leaders, assessors and trainers to tackle the volume of existing homes needing energy-efficient upgrades.

This three-day course will teach participants how to:

- Develop and train individuals on standard work processes that ensure accuracy and efficiency
- Train others using the principles of TWI
- Implement basic building science techniques

Participants will also receive training curriculum, the right to hold classes for their own employees and support materials to use in the field.

Advanced Energy is committed to a future in which energy needs are met at reasonable costs and with the least negative consequences. We create economic, environmental and societal benefits through innovative and market-based approaches to energy issues.

House Characterization — 1 Day

Focus: Learn a streamlined process for assessing a home's energy leakages from the outside in.

This one-day course will teach participants how to:

- Quickly assess homes based on external building features
- Determine necessary energy-efficiency measures without extensive up-front diagnostics
- Develop and implement standard work processes that ensure accuracy and efficiency
- Implement basic building science techniques

