

# Conventional Insulation

**Proper insulation is a crucial ingredient to creating an energy efficient home!**

Conventional Insulation training will guide you through successfully installing insulation from attics to basements and more.

**In this course, you will learn how to:**

- Assess potential for insulation upgrade
- Develop a strategy
- Relate to the client
- Work safely
- Insulate non-accessible roofs and attic spaces
- Insulate the half story attic
- Insulate frame walls
- Insulate solid walls
- Insulate exposed floors
- Insulate foundation walls
- Insulate crawl space and slab-on-grade foundations
- Insulate the header area



# Course Outline

## Function A

Assess Potential for Insulation Upgrade

- discuss reasons and outline for assessment

## Function B

Describe Inspection Procedures

- describe inspection prior and post retrofit

## Function C

Develop an Insulation Upgrade Strategy

- explain the need to develop a strategy
- reconcile technical information and homeowner priorities

## Function D

Use and Maintain Tools

- use and maintain an insulation blowing machine
- use and maintain specialized power equipment

## Function E

Select Materials

- select insulation materials and fastening systems

## Function F

Insulate Accessible Attic

- describe roof framing systems and insulating options
- identify and correct obstacles to insulating the attic
- build barriers around recessed lights and chimneys
- insulate accessible attic rafters

## Function G

Insulate Non-accessible Roofs and Attic Spaces

- describe roof framing systems and styles
- install and insulate a dropped ceiling
- inject loose-fill insulation into a compact roof cavity

## Function H

Insulate the Half-Story Attic

- describe half-story construction features

## Function I

Insulate Foundation Walls

- identify types of foundation walls
- assess foundation condition and suitability of insulation
- insulate foundation walls on exterior and interior

## Function J

Insulate Foundation Floors

- describe basement floor types
- install and insulate a new sleeper floor
- insulating in conjunction with slab installation

## Function K

Insulate Crawl Spaces and Slab-on-grade

- describe crawl spaces and slab-on-grade construction
- insulate crawl space walls on exterior and interior

## Function L

Insulate Header Joist Area

- describe types of header areas
- identify obstacles and precautions
- insulate header joist area

## Function M

Insulate Frame Walls

- describe framing systems
- insulate wall cavity with blown material
- insulate a finished interior wall surface

## Function N

Insulate Solid Walls

- identify types of solid walls
- insulate solid walls on the exterior and the interior

## Function O

Insulate Exposed Floors

- describe types of exposed floors and retrofit concerns
- insulate accessible floor cavities