

COURSE INFORMATION

ENERGY AUDITOR

National Renewable Energy Laboratory (NREL)
Job Task Analysis: **Energy Auditor**

COURSE DESCRIPTION

This class will provide participants with the knowledge of the steps involved in becoming an Energy Auditor in the Department of Energy (DOE) National Weatherization Program.

Discussion will cover the entire auditing process, and classroom activities will reinforce concepts and inspection procedures. Participants will use the knowledge they have gained in classes and in the field to develop a comprehensive understanding of the audit process.

Indiana auditors will schedule a field day with the instructor. During the field day activity, student will perform a comprehensive, live audit of a home and develop a work scope as part of the Indiana skills-verification process.

COURSE OBJECTIVES

This course will:

- Demonstrate professional Energy Auditor conduct
- Outline testing and data collection regarding a building's air-tightness, insulation, base loads, foundation, attic windows, doors, walls, HVAC distribution system and more
- Explain how to determine work-scopes, reports and work orders based on evaluation of collected data



WHAT IS AN ENERGY AUDITOR ?

An energy auditor is a residential energy-efficiency professional who evaluates the energy efficiency, health and safety of a home and conducts field measurements to identify areas for savings. The energy auditor produces a report of this information and recommends changes to the customer, client or contractor.

COURSE DETAILS

- Five days of course instruction and demonstrations
- Written test at end of day five
- Customized to meet your network's needs

COURSE PREREQUISITE

Successful completion of Retrofit Installer, Crew Leader or equivalent class. For purposes of the State of Indiana Skills Verification process, the prerequisite may be waived if the student is in possession of a current Indiana Building Performance Institute (BPI) Building Technician (BT) certification.

Participants are expected to have a knowledge base that will allow a viable transition from knowing to implementation.

AN IREC-ACCREDITED COURSE

Energy Auditor is a course that has been accredited by the Interstate Renewable Energy Council (IREC).

COURSE INFORMATION

ENERGY AUDITOR, continued from front National Renewable Energy Laboratory (NREL) Job Task Analysis: **Energy Auditor**

WHAT YOU WILL LEARN

- to recognize all requirements needed to function as an Energy Auditor in the DOE Weatherization Program
- to develop a comprehensive filed audit process by organizing information already learned in the field and classroom
- to demonstrate auditor skills and inspection processes on a home in the field as part of the Indiana Skills Verification process
- to formulate a scope of work based on the Indiana Weatherization Priority List
- to validate work-scope recommendations by collaborating with the Final Inspector and analyzing utility bills
- to know and understand all forms and documents required as part of the Indiana audit process
- and more!

ABOUT NREL'S JOB TASK ANALYSIS

The Energy Auditor course follows the NREL's Quality Control Inspector Job Task Analysis (JTA). The JTA is the foundation for the IREC credentialing program, identifying critical knowledge areas, work functions and skills for a professional working in the field.

The JTA was created by subject matter experts (SMEs) and includes a blueprint for the examination used in the course.



ABOUT THE TRAINER

Chris Willman is a Trainer for this course. She is also a Building Performance Institute certified professional. See her trainer biography page for more.



**CERTIFIED
PROFESSIONAL**