

# Energy Auditor

The EA is an experienced professional who evaluates the health and safety issues, durability, comfort, and energy use of a residential building. The EA conducts advanced diagnostic tests, gathers and analyzes data, and creates models to draw conclusions and make recommendations to the client for improvements.

## Job Opportunities

Careers in weatherization, heating and cooling, renewable energy, energy efficiency and more



## What does it take to be an Energy Auditor?

- Attention to detail
- Strong communication skills to interact with clients and co-workers
- Problem solving and ability to organize
- Math skills and knowledge of building science
- Understanding of construction and weatherization techniques

## What do you do?

- Collect data/information about the home
- Perform diagnostic testing
- Evaluate collected data
- Utility usage information, existing insulation R-values, blower door testing information, infrared scan results, Health & Safety concerns
- Run electronic energy audit to determine list of measures
- Develop work order for home

## How do I become one for the state of Michigan?

### Requisites

- **OSHA 10hr:** MiTEC does not offer OSHA training. OSHA 10 Hour Course can be found online.
- **LRRP:** MiTEC does not currently offer the Lead Renovation, Repair, and Painting (LRRP) training. EPA RRP Initial (On-line & In-person)
- **Lead Safe Work (LSW):** Offered online through MiTEC
- **Health and Safety:** Offered online through MiTEC

### Core Classes (see CSPM 618) (Training Details/Descriptions can be viewed [here](#))

- **Energy Auditor:** Required Training; Offered through MiTEC; in person learning.
- **Mechanical Systems Inspection for Auditors (MSIA):** (Recommended but not required); Offered through MiTEC; in person learning.
- **Venting and Combustion Air (VCA):** (Recommended but not required); Offered through MiTEC; in person learning.
- **Zone Pressure Diagnostics (ZPD):** (Recommended but not required); Offered through MiTEC; in person learning.
- **Combustion Appliance Zone (CAZ):** (Recommended but not required); Offered through MiTEC; in person learning.
- **ASHRAE 62.2-2016:** (Recommended but not required); Offered through MiTEC; in person learning.

- **NEAT/MHEA Training** (Recommended but not required); Offered through MiTEC; in person learning.
- Obtain EA Certification through BPI

### Electives

- **WX 101:** Offered through MiTEC; in person learning. Can be offered virtually.
- **Air Sealing:** (Recommended but not required); Offered through MiTEC; in person learning.
- **Dense Pack Insulation:** (Recommended but not required); Offered through MiTEC; in person learning.
- **Foundation Insulation:** (Recommended but not required); Offered through MiTEC; in person learning.
- **Crew Leader:** (Recommended but not required); Offered through MiTEC; in person learning.

### Resources

[NREL Energy Auditor JTA](#)

[Energy Auditor | Building Performance Institute, Inc. \(bpi.org\)](#)