

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. This is the advanced level auditor position.



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
- Obtain BPI EA Certification

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, 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 – Requirements prior to taking Core Classes

- **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.
- **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](#))

- **Diagnostic Tools for Auditors:** Required Training; Offered through MiTEC.
- **Virtual Math Prep:** Required Training; Offered through MiTEC.
- **Energy Auditor:** Required Training; Offered through MiTEC; in person learning.
- **NEAT/MHEA Training** Required Training; Offered through MiTEC; in person learning.

The classes listed below are all recommended but not required classes offered through MiTEC:

- **Mechanical Systems Inspection for Auditors (MSIA):** in person learning.
- **Venting and Combustion Air (VCA):** in person learning.
- **Zone Pressure Diagnostics (ZPD):** in person learning.
- **Combustion Appliance Zone (CAZ):** in person learning.
- **ASHRAE 62.2-2016:** in person or virtual learning.

Electives-Optional classes that may help build knowledge, skills, and abilities

- **WX 101:** Offered through MiTEC; in person and virtual learning.
- **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 and virtual learning.

Resources

[NREL Energy Auditor JTA](#)

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