

Certified Energy Auditor (CEA)



The Certified Energy Auditor (CEA™) certification targets professionals with the knowledge and experience required to succeed in the growing field of energy auditing. This three-day training is designed to expand participant knowledge in energy auditing as well as serve as a preparatory vehicle for the examination required to achieve the AEE's CEA™ credential. It provides

the fundamental knowledge needed to evaluate how energy is being used in a facility and identify where consumption can be reduced. Additionally, it covers useful calculation methods and practical examples. The examination is administered on the morning of the day following training.

Topics Covered

- Context for energy auditing
- Principles of energy and energy efficiency
- Building energy audits
- Historical energy data analysis
- Comparative analysis of energy performance
- Measurement and instrumentation
- Demand profile analysis
- Load inventory
- Energy Management Opportunities (EMOs)
- Energy efficiency in electrical building systems
- Efficient lighting
- Thermal saving opportunities

Partners: In Ontario, this program is eligible to the IESO's Training Incentive covering up to 50% of the fees. Visit the [saveONenergy](http://saveONenergy.com) website for more details.



Who should attend?

This in-depth training program is ideal for the following clientele:

- Energy engineers and consultants
- Current energy auditors seeking certification
- New energy auditors
- Plant and facility engineers
- Energy managers
- ESCO professionals
- Energy performance contracting professionals
- Organizations considering energy projects
- Instructors teaching energy analysis



Logistics

CEUs:	2.4
CSEP Points:	4+2 (for certification)

Visit cietcanada.com for more information on training options and registration or contact us at info@cietcanada.com.

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Eligibility Criteria

Education

Experience

A 4-year degree in engineering or architecture, or be a registered Professional Engineer (P.E.) or Registered Architect (R.A.)

AND

3+ years of experience in energy auditing, energy management, facility management, or experience related to energy management

A 4-year non-engineering degree

AND

4+ years of experience in energy auditing, energy management, facility management, or experience related to energy management

A 2-year technical degree

AND

5+ years of experience in energy auditing, energy management, facility management, or experience related to energy management

None

AND

10+ years of experience in energy auditing, energy management, facility management, or experience related to energy management

The current status of Certified Energy Manager (CEM[®])

Certified Energy Auditor in Training Option

If you don't yet meet the education or experience eligibility requirements for the CEA, but successfully pass the exam, you will be awarded the Certified Energy Auditor in Training (CEAIT[™]) title.