

Comprehensive 5-Day Training Program for Energy Auditors

Preparatory Training and Examination for Certified energy auditor

Date: May 14-18, 2017 / Venue: Jeddah.

Training Outline & Format

This 5-day seminar (training and examination) provide the fundamental knowledge needed to evaluate how energy is being used in a facility, and to identify where consumption can be reduced, covering useful calculation methods and practical examples. The instructor will emphasize effective auditing basics while putting them in the context of the "big picture" and the bottom line.

- Classroom style delivered in English (May 14-18, 2017 for four and half days).
- CEA Examination (May 18, 2017 for half a day) – receive CEA® Certificate upon passing an examination.
- You must bring a hand calculator to the exam since the CEA test does not allow computers, tablets or cell phones to be used for calculations on the test.

Registration & Fees

- Application: download from www.seec.gov.sa, complete, and email to: training@seec.gov.sa
- Inquiries, email: training@seec.gov.sa, Mobile: +966 55 61 55 466
- Cost: SR 8500 per attendee

Payment methods:

- Deposit to SEEC Account IBAN No. SA2015000999100002080008, Al-Belad Bank
- Certified check made payable to SEEC

Certification Eligibility

Each candidate must meet one of the following criteria in order to sit for the examination:

- A four-year degree in engineering or architecture OR Professional Engineer or Registered Architect OR active CEM® and must have at least 3 years of experience in energy auditing and/or participating in a team doing energy assessments
- A four-year non-engineering degree must have at least 4 years of experience in energy auditing and/or participating in a team doing energy assessments
- A two-year technical degree must have At least 5 years of experience in energy auditing and/or participating in a team doing energy assessments
- No degree, must have at least Ten years or more verified experience in energy auditing and/or participating in a team doing energy assessments

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Course Outline

- Energy Auditing Overview
- ASHRAE Level I Walk-through Audit
- ASHRAE Type II Audits
- Auditing Tools and Software
- Investment Grade Audits
- Project Financing
- Energy Fundamentals
- Facility Systems & Lighting
- HVAC & Chillers
- Motors, Drives & Driven Loads
- Boilers, Compressed Air & Industrial Processes
- Operations & Maintenance
- Audit Reports