

Rising energy costs and inefficiency in plants and buildings is continually driving the need for trained and experienced energy auditors. The CEA certification is one that identifies professionals as having the required knowledge and experience needed to succeed in the growing field of energy auditing.

**The Energy Training Foundation (ETF) in conjunction with the Association of Energy Engineers (AEE) in the USA is presenting a 4-day Certified Energy Auditor (CEA) Course. The 4-day CEA course, which will be followed by an optional exam to become a Certified Energy Auditor (CEA), will be held during the week of 17-20 May 2010 at Birchwood Executive Hotel and Conference Centre, Johannesburg. The optional examination will take place on Thursday, 20 May 2010.**

**Objectives:**

- To raise the professional standards of those engaged in energy auditing.
- To improve the practice of energy auditors by encouraging energy auditing in a continuing education program of professional development.
- To identify persons with acceptable knowledge of the principles and practices of energy auditing through completing an examination and fulfilling prescribed standards of performance and conduct.
- To award special recognition to those energy auditing professionals who have demonstrated a high level of competence and ethical fitness in energy auditing.

**Course Subjects:**

- Energy Auditing Methodology
- Building Envelope
- Building Systems
- Energy Audit Instrumentation
- HVAC
- Lighting
- Auditing Tools
- Controls
- Water Auditing
- Economic Analysis
- Boilers and Steam Systems
- Reviewing Auditing Reports

**The CEA Examination:**

To be awarded the CEA designation, candidates must attend the course of Energy Auditing prior to taking the CEA exam and receive a pass rate of 70% on the examination. The examination will be administered by the Energy Training Foundation. The applicant is given four hours to complete the exam. The exam will take place on the morning of the last day of training. The examination questions are based on concepts and experiences basic to energy auditing on recognized tests, and on supplemental reading. The exam is open book.

## ELIGIBILITY AND COSTS:

**Eligibility:**

- A four-year degree from an accredited university or college in engineering or architecture, or be a registered Professional Engineer (P.E.) or Registered Architect (R.A.). In addition, the applicant must have at least three years of experience in energy auditing, energy management, facility management, or experience related to energy management.
  - or A four-year non-engineering degree with at least four years experience in energy auditing, energy management, facility management, or experience related to energy management.
  - or A two-year technical degree with at least five years experience in energy auditing, energy management, facility management, or experience related to energy management.
  - or ten years of experience in energy auditing, energy management, facility management, or experience related to energy management.
- The current status of Certified Energy Manager (CEM).

**Costs:**

The costs are the following:

**4-Day CEA course, Textbooks for 4-day CEA course, Exam and Registration: R 9 500 excl vat**

**It is important to note that full payments will have to be received at least one month in advance. If you are interested in attending the 4-day course and write the exam, we should have received your payment by 10 May 2010.**

**Please note:** It will be the responsibility of the course participants to book their own accommodation, breakfast and dinner. Lunch will however be provided. A list of accommodation possibilities will be forwarded to you with confirmation of attendance.

**Where can you register or apply?**

Attached are the documents that you can use to register for the training course:

Your registration should be faxed or e-mailed for the attention of Christina den Heijer/Yolandi Kruger

**Contact details are:****Yolandi Kruger**

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