

CERTIFIED ENERGY MANAGER (CEM) COURSE

17-21 MAY 2010 (BIRCHWOOD EXECUTIVE HOTEL AND CONFERENCE CENTRE, JOHANNESBURG)

The Energy Training Foundation (ETF) in conjunction with the Association of Energy Engineers (AEE) in the USA is presenting a 5-day comprehensive energy management training course. This Certified Energy Management (CEM) programme that has been presented in Southern Africa since 2002. The Certified Energy Manager (CEM) Course has been CPD (Continuous Professional Development) accredited and will earn you 5.0 credits. The 5-day energy management-training course, which will be followed by an optional exam to become a Certified Energy Manager (CEM), will be held during the week of 17-21 May 2010 at Birchwood Executive Hotel and Conference Centre, Johannesburg. The optional examination will take place on Friday, 21 May 2010.

This special in-depth five-day seminar is ideal for professionals who seek a more detailed program of instruction covering the technical, economic and regulatory aspects of effective energy management. The program offers a comprehensive learning and problem-solving forum for those who want a broader understanding of the latest energy cost reduction techniques and strategies.

The seminar outline includes the following:

- The Need for Energy Management
- Energy Audit Instrumentation
- Building Energy Use and Performance
- Energy Rate Structures
- Economic Analysis of Alternative Investments
- Waste Heat Recovery
- Fuel Supply /Fuel Switching
- Lighting
- HVAC System
- Insulation
- Cogeneration
- Conducting an Energy Audit
- Energy Codes and Standards
- Energy Accounting
- Electric Rate Structures
- Alternative Financing
- Life Cycle Costing
- Electrical Energy Management
- Motors & Adjustable Speed Drives
- Controls & Energy Management
- Boilers and Steam Generation
- Maintenance

On the morning of day five, the Certified Energy Manager (CEM) examination will be administered to seminar participants who have applied and pre-registered for the exam in advance.

There is no obligation to write the CEM exam on the last day of the 5-day training course. Persons who are interested in attending only the 5-day energy management are free to do so. It is preferred that you register in advance if you want to write the CEM exam and submit your CEM application. However, if you decided not to write the CEM exam but change your mind during the course to write the exam we will accommodate you. You will then have to submit the CEM application afterwards. Persons attending the 5-day CEM Course will receive a certificate of attendance.

ELIGIBILITY AND COSTS:

Eligibility:

The prerequisites to qualify for the certification process have been designed to take into account the possible diversity of education and practical experience an individual may have. However each CEM candidate must meet one of the following criteria:

- A four-year engineering or architectural degree, or a registered Professional Engineer (P.E.), or Registered Architect (R.A.) with at least three years experience in energy engineering or energy management.
- A four-year business or related degree, with at least five years experience in energy engineering or energy management.
- A two-year technical degree, with eight years experience in energy engineering or energy management.
- Ten years or more verified experience in energy engineering or energy management.

Costs:

5 Day CEM course:	R 9 850 excl vat
Textbooks for 5-day CEM course:	R 3 500 excl vat
Exam and Registration:	R 2 600 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 5-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

Cell:+27 (0) 82 552 6865

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