

5-Days Training

Course to become Certified Energy Manager

January 15-19, 2018 in Paris

This seminar provides an in- depth, comprehensive learning and problem-solving forum for those who want a broader understanding of the latest energy cost reduction techniques and strategies, as well as serving as a preparatory course of instruction for energy professionals preparing to sit for AEE's Certified Energy Manager (CEM[®]) examination.

PROGRAM OF STUDY

The program begins by examining the basic fundamentals within all key areas of energy management. From there, the instructor systematically moves to a "working level" knowledge of the specific principles and techniques needed to really get the job done. This approach has been designed to fulfill the needs of professionals who seek a broader and more detailed learning experience than can be provided in AEE's shorter courses. In five days, you can gain the knowledge and confidence it takes to effectively apply state-of-the-art principles of energy management, and to achieve control over energy costs in your organization — whether you're responsible for managing a single facility or developing an energy management program for multiple corporate facilities, government buildings, etc.

This program has been completed by thousands of professionals since its inception in 1994.

REGISTRATION & Fees

Course schedules, language, venue, dates, cost, eligibility, contact for details and registration:

christian.laur@beelas.eu

fees below are for seminar, application for CEM[®] certification and exam

Regular Fee: € 1 500 (without VAT)

AEE Member Fee: € 1 300 (without VAT)

CERTIFICATION ELIGIBILITY

The CEM exam will be administered at the close of instruction on day five to those who have qualified in advance to sit for the exam by submitting a completed CEM application and fee.

Each applicant for the CEM certification is required to attend AEE's five-day "Certified Energy Manager" training program in order to sit for the exam. Prior to sitting for the exam, each candidate must complete an application. Each candidate must also pass the four-hour written exam as well as meet one of the following criteria:

- 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 3 years experience in energy engineering or energy management.
- A four-year degree in technology, environmental science, physics, or earth science and have at least 4 years experience in energy engineering or energy management.
- A four-year degree in business and at least 5 years experience in energy engineering and energy management.
- A two-year energy management associate's degree and at least 6 years experience in energy engineering or energy management.
- A two-year technical associate's degree, and at least 8 years of experience in energy engineering and energy management
- No degree and at least 10 years of experience in energy engineering or energy management.



The Association of Energy Engineers

www.aeecenter.org

<http://aeefrancechapter.wixsite.com/index>



Beelas Group

www.beelas.eu

Rise to the Top of the Energy Management Profession: Become AEE Certified



COURSE OUTLINE

Section I – Mandatory
Energy Accounting & Economics

Section II – Mandatory
Energy Audits & Instrumentation

Candidates should choose 9 of the remaining 13 sections for the exam.

Electrical Systems

Industrial Systems

Building Envelope

Thermal Energy Storage Systems

Boiler & Steam Systems

HVAC Systems

Maintenance

Motors & Drives

Combined Heat & Power Systems

Building Automation Systems

Lighting Systems Maintenance

Control Systems

Commissioning, Measurement & Verification

ISO 50001

COURSE INSTRUCTOR

Ian Boylan, C.E.M,
C.M.V.P., C.E.A, C.B.C.O,
C.B.C.P



Ian Boylan is the President-Elect for the Association of Energy Engineers and director of Target Energy (Irish based independent energy services company).

Ian previously worked with Eirdata Environmental Services Ltd as Energy Services Manager, and prior to that for 20 years with the Department of Defence Naval Service

His areas of expertise are Energy Management Systems (ISO 50001); Measurement and verification of Energy savings; Energy training services; and Energy Utility Systems.



