



Certified Energy Auditor (CEA)

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 Course

 4 Dates available

 Certificate of Completion

 Virtual learning

 52 Lessons

 Available online

Seminar Number: PH-C11-CEA

Status: 08.09.2024. All current information can be found at <https://academy-ph.tuv.com/s/PH-C11-CEA>

Our energy auditor training course empowers participants to proficiently conduct energy audits in commercial and industrial buildings. Tailored to support both company energy programs and the Philippine government's EEC regulatory requirements and standards, our curriculum ensures alignment with global best practices in energy audit training. We ensure you acquire pivotal skills and knowledge essential for a certified energy auditor, setting a solid foundation for those seeking energy auditor certification.

Benefits

Unlock your potential with our Certified Energy Auditor Course:

- **Master Core Competencies:** Gain expertise in the core competencies as outlined by the DOE in Department Circular DC2022-03-0006. Our energy audit training ensures you're well-equipped to conduct successful energy audits.
- **Align with Global Benchmarks:** Become adept at conducting Level 1, 2, and 3 energy audits, ensuring your audits resonate with current industry benchmarks, making them both relevant and compliant.
- **Sharpen Analytical and Technical Proficiencies:** Improve your ability to analyze energy performance and understand the technical domains of an energy audit, enhancing your capability to conduct thorough economic assessments of alternatives.
- **Boost Your Advisory Acumen:** Elevate your capacity to recommend impactful and feasible solutions, ensuring that your energy audit insights lead to actionable and potent strategies.

Target group

- **Hold an Engineering Degree:** Graduates of any engineering course, ensuring a foundational understanding of technical and mechanical principles.

- **Possess a K-12 STEM Strand Diploma:** Individuals who have completed the K-12 academic track focusing on Science, Technology, Engineering, and Mathematics (STEM), laying the groundwork for advanced technical learning and application.
- **Have Relevant Work Experience:** Those with a minimum of one year of continuous work experience related to conducting energy audits, ensuring practical knowledge and familiarity with the field.

Requirements

In compliance with DOE Department Circular DC2022-03-0006 and the Adoption of Training Regulations Certification Process for Energy Auditors (EAs), aspirants eager to embark on our energy auditor training course should fulfill these criteria:

- **Experience in Energy Audits:** Possess at least one year of continuous experience conducting energy audits of buildings, industrial facilities, or similar establishments, verified by certification or documentation from your organization or clients.
- **Educational Background:** For recent college graduates, completion of the K-12 academic track in Science, Technology, Engineering, and Mathematics (STEM) or an equivalent field, substantiated with a Transcript of Records and/or Diploma.
- **Technological Requirements:** Own a laptop or similar device equipped with Microsoft Excel or comparable software, and ensure a stable internet connection with satisfactory audio and video quality for online sessions.
- **Communication Skills:** Demonstrate proficiency in both oral and written communication.

Ensure all prerequisites are duly met to guarantee an uninterrupted energy auditor certification journey.

Training outline

Module 1: Fundamentals of Energy Auditing (4 hours)

- Overview of energy auditing and its significance
- The role of a certified energy auditor in the industry
- Benefits of conducting energy audits for businesses and homeowners

Module 2: Compliance with Industry Rules and Regulations (2 hours)

- Understanding the legal framework surrounding energy audits
- Key regulations and standards that energy auditors must adhere to
- The importance of staying updated with the latest industry regulations

Module 3: Strategizing and Planning the Energy Audit (2 hours)

- Steps involved in preparing for an energy audit
- Tools and equipment essential for the audit process
- Setting clear objectives and outcomes for the audit

Module 4: Preliminary Energy Use Analysis (PEA) and Historical Data Examination (4 hours)

- Introduction to PEA and its relevance in energy auditing
- Techniques for collecting and analyzing historical energy consumption data
- Identifying patterns and areas of concern from historical data

Module 5: Comprehensive Guide to Level 1 Energy Audits (14 hours)

- Deep dive into the Level 1 energy audit process
- Practical exercises and case studies related to Level 1 audits
- Identifying quick wins and low-hanging fruits in energy conservation

Module 6: Advanced Techniques for Levels 2 and 3 Energy Audits (22 hours)

- Detailed exploration of Level 2 and Level 3 energy audit methodologies
- Hands-on training on advanced tools and software used in these audits
- Case studies and real-world examples to understand the complexities of advanced audits

Module 7: Introduction to Energy Management System (EnMS) and Initial Assessment (4 hours)

- Basics of Energy Management Systems and their role in energy conservation
- Steps involved in setting up an EnMS for an organization
- Conducting an initial assessment to gauge the current energy consumption patterns

Final Written Examination

- Candidates will be tested on all modules, ensuring a thorough understanding of the energy auditing process, tools, techniques, and industry regulations. Successful candidates will be well-equipped to conduct energy audits in various settings and provide valuable insights for energy conservation.

Other information

Contact for Payment and Inquiries

- Should you have questions regarding payment or other matters, kindly reach out to us via email at academy@phl.tuv.com.

Additional Details

- The fees cover training materials and a certificate.
- A 12% VAT is included in the training fees.

Cancellation and Postponement Policy

- TÜV Rheinland Philippines, Inc. holds the authority to delay or cancel public courses. The following points provide further detail:
 - Unless a course is cancelled by TÜV Rheinland Philippines, training fees are non-refundable.
 - Cancellations made five days or fewer before the scheduled training will not be eligible for a refund. The full training fee will be charged and invoiced.

Delegate Substitution

- If you are unable to attend the training, you may nominate a substitute delegate to attend in your place. Please ensure to inform us of the substitute delegate's name and title.

Event overview and booking

Book your desired date now directly online at <https://academy-ph.tuv.com/s/PH-C11-CEA> and benefit from these advantages:

- Fast booking process
- Personal customer account
- Simultaneous booking for several participants.

Alternatively, you can use the order form to order via fax or e-mail.

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I HEREBY BINDING REGISTRATION FOR THE FOLLOWING SEMINAR:

Certified Energy Auditor (CEA)

Seminar Number: PH-C11-CEA

Please choose an appointment you would like to book:

- 09/16/2024 - 09/24/2024**, | Event number: PH-C11-CEA-Certified Energy Auditor (CEA)
€20,000.00 (Net price, plus VAT) €22,400.00 (Gross price, including VAT)
- 10/14/2024 - 10/24/2024**, | Event number: PH-C11-CEA-Certified Energy Auditor (CEA)
€20,000.00 (Net price, plus VAT) €22,400.00 (Gross price, including VAT)
- 11/12/2024 - 11/20/2024**, | Event number: PH-C11-CEA-Certified Energy Auditor (CEA)
€20,000.00 (Net price, plus VAT) €22,400.00 (Gross price, including VAT)
- 12/09/2024 - 12/17/2024**, | Event number: PH-C11-CEA-Certified Energy Auditor (CEA)
€20,000.00 (Net price, plus VAT) €22,400.00 (Gross price, including VAT)

All further information about the dates can be found at <https://academy-ph.tuv.com/s/PH-C11-CEA>.

Please send us **all pages** of the form by fax or email to order the above seminar.

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Participant information

I will participate in the seminar myself (contact details as indicated above)

The following person is to participate in the seminar:

Complete only if you are not attending yourself, but another person is.

Salutation:

First Name:

Last Name:

Email Address:

Phone number:

Date of birth (optional):

Place of birth (optional):

Payment method: Invoice

For consumers, the cancellation policy applies, which you can find under the attached terms and conditions.

I hereby accept the following general terms and conditions of the organizer (<https://academy-ph.tuv.com/terms>).

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Signature

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