Certified Energy Practitioner (CEP) Workshop

Days: **2 Days** | Course Fee: **USD 1,000**

Course Description

The Certified Energy Professional (CEP) Workshop is tailored to empower energy professionals with the knowledge and certification necessary to conduct energy audits for existing buildings during their operational phase for obtaining GSAS sustainability rating.

What You Will Learn

As a part of our capacity building, knowledge dissemination and outreach program, GORD in collaboration with Kahramaa/Tarsheed launched to introduce the "Certified Energy Professional - CEP" certification-based training program. This initiative is tailored to empower energy professionals with the knowledge and certification necessary to conduct energy audits for existing buildings during their operational phase. Structured to cover a wide learning spectrum, the workshop will start with basic introduction followed by in-depth content on energy audits which can support obtaining sustainability rating. Recognizing the direct relevance of the CEP Program to your

organization, we invite you to participate in our upcoming CEP training workshop followed by the exam.

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Who Should Attend?

- Energy Engineers
- Fresh Engineering Graduates
- Engineers transitioning to Energy field
- Facility Managers
- Operation and Maintenance Engineers

- HVAC Engineers
- Electrical Engineers
- MEP Engineers
- Environment and Sustainability professionals

Course Modules

Course Content (Teaching Modules)

Module 1:	Fundamentals of Energy; Introduction to Energy Auditing in Buildings
Module 2:	Energy Audits; and Green Building Operations Certification
Module 3:	Energy Audits Levels of Efforts and Audit Plan Management
Module 4:	Audit Plan Management; and Pre-Audit Preparation
Module 5:	On-site Measurements
Module 6:	Data Analysis
Module 7:	Building Fabric; HVAC Systems; Lighting Systems
Module 8:	Equipment; Domestic Hot Water; and Building Controls
Module 9:	Energy Audit Report
Module 10:	Mars Principle for Energy Efficiency; and Energy Audit Resources