

Energy Management Professional 101 (EMP 101)



Whether you are a recent arrival to Canada, a new professional just entering the job market, a student completing their studies, or looking to further your career in energy efficiency, CIET has developed a course that will give you pragmatic knowledge and skills that you can demonstrate and apply to an employer from the outset. The program can also be seen as a steppingstone toward the Certified Energy Manager (CEM) designation – which is normally taken only after at least three years of experience in the field.

Objectives

Participants in this course will:

- Be exposed to the principles, systems, codes and regulations that govern energy efficiency
- Gain well-rounded knowledge of energy management
- Understand the basics of how to calculate energy, benchmark and audit
- Learn where energy savings can be found in a building or facility
- Teach participants about energy supply and management

Agenda

Topics covered :

- Energy Fundamentals
- Energy Rates
- Tools for Energy Audits
- Energy Saving Calculations
- Motors, Fans, Pumps Savings and VSDs
- Heating Systems
- Cooling Systems
- Lighting Systems
- Building Envelop Savings
- Renewable Energy

Who should attend?

This short thematic course is ideal for the following clientele:

- Professionals in career transition
- New Canadians interested in a career in Energy Efficiency
- Professionals seeking to upgrade their skills
- New graduates
- Recently hired energy management professionals



Logistics

CEUs: 2.1

CSEP Points: 4

Visit cietcanada.com for more information on training options and registration or contact us at info@cietcanada.com.