

# Certified Building Commissioning Professional (CBCP)



In addition to providing a useful preparatory vehicle for AEE's Certified Building Commissioning Professional (CBCP) program, this five-day program is designed to meet the training requirements of those who need to know the technical details of the commissioning process. Though covering many of the same topics addressed in AEE's shorter Fundamentals of Building Commissioning seminar, this more comprehensive course will go into further technical detail, and will include several workshops where participants are challenged with to produce real Cx deliverables, and to come up with practical solutions to typical Cx problems.

## Topics Covered

### Introduction to Building Commissioning

- What is Building Commissioning?
- Why We Need Commissioning - Aligning the Owner/Designer/Contractor/Operator
- Typical Project Schedule - Commissioning Perspective
- The Project Team

### New Building Commissioning

- Concept/Programming Phase Objectives
- Design Phase Objectives
- Construction Phase Objectives
- Acceptance Phase Objectives

### Retro-Commissioning (includes Recommissioning)

- Concept/Programming Phase Objectives
- Investigation Phase Objectives
- Project Turnover Objectives: Final Report

### Total Building Commissioning

- What Needs to Be Commissioned and How Are These Systems Commissioned?
- Testing Adjusting and Balancing and Verification, System by System
- Commissioning and the LEED Rating System
- Commissioning Guidelines and Benchmarking
- Economic Analysis
- Building Codes and Standards
- Commissioning Tools and Technology
- Commissioning Procurement

**Partners:** In Ontario, this program is offered in collaboration with the Independent Electricity System Operator (IESO), which provides a 50% training incentive.



## Target Clientele

This in-depth training program is ideal for the following clientele:

- Facility managers
- Energy managers
- Commissioning professionals & agents
- Building owners & managers
- Project managers
- Developers
- Architects
- Engineers
- Construction managers

## Logistics

<b>Regular fee:</b>	\$2,350
<b>Early Bird fee:</b>	\$2,150
<b>AEE Certification:</b>	\$545 ( $\pm$ \$400 USD)
<b>CEUs:</b>	3.6
<b>CSEP Points:</b>	4+2 (for certification)

Visit [cietcanada.com](http://cietcanada.com) for more information on training options and registration or contact us at [info@cietcanada.com](mailto:info@cietcanada.com).

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## Eligibility Criteria

### Education

### Experience

4-year degree in science, engineering, architecture, business, law, finance, or related field

OR

Registered Professional Engineer (P.E.)

OR

Registered Architect (R.A.)

AND

3+ years of experience in facilities management HVAC or process engineering design, construction project management, electrical/controls design, installation or operation, testing, adjusting and balancing, or building commissioning

2-year technical degree, or vocational school certificate in HVAC/Electrical; or valid HVAC or Electrician contracting license

OR

4-year non-technical degree in a field not specified above

AND

5+ years of experience in facilities management HVAC or process engineering design, construction project management, electrical/controls design, installation or operation, testing, adjusting and balancing, or building commissioning

NONE

AND

10+ years of experience in facilities management HVAC or process engineering design, construction project management, electrical/controls design, installation or operation, testing, adjusting and balancing, or building commissioning

Current status of Certified Energy Manager (CEM<sup>®</sup>)