

# Certified Building Commissioning Professional (CCxP) Workshop

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

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## Course Description

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This two-day training provides a clear, practical overview of how to plan and carry out building commissioning for MEP systems in new projects and existing facilities. The course follows industry practices based on ASHRAE standards and covers the full commissioning workflow—from defining project requirements and reviewing designs to testing systems, documenting results, and handing over to operations.

Participants will learn how commissioning improves system performance, energy use, occupant comfort, and long-term operating

costs. The course explains key tasks such as writing commissioning plans, coordinating with design and construction teams, verifying HVAC, plumbing, electrical, and control systems, and resolving deficiencies during construction and startup.

The training also introduces recommissioning and continuous commissioning as tools to fix performance issues in existing buildings and support better asset management.

## What You Will Learn

The course provides a practical understanding of the full commissioning process for MEP systems in both new construction and recommissioning projects. It offers a structured roadmap for planning and managing commissioning programs, verifying system performance, and ensuring compliance with design intent and regulatory requirements. Participants will explore best

practices for HVAC, plumbing, electrical, and control systems, with a focus on functional testing, performance monitoring, and troubleshooting. The program also introduces key industry standards, roles and responsibilities within commissioning teams, and the tools required to achieve energy efficiency, occupant comfort, and long-term operational reliability.

## Who Should Attend?

- Commissioning agents
- MEP engineers
- Facility managers
- Project managers
- Contractors
- Design professionals involved in building systems
- Construction professionals working with building services
- Operations and maintenance teams
- Sustainability teams
- Energy managers focused on improving building performance and long-term efficiency

## Course Modules

### Course Content (Teaching Modules)

Module 1:	Introduction to Building Commissioning
Module 2:	Commissioning Process Framework
Module 3:	Commissioning of HVAC System
Module 4:	Commissioning of Plumbing, Fire Protection and Specialty Systems
Module 5:	Commissioning of Electrical and Control Systems
Module 6:	Data Documentation and Project Closeout
Module 7:	Recommissioning, Retro-Commissioning and Continuous Commissioning.