## CONTINUOUS COMMISSIONING SPECIALIST TRAINING

The 3-day Continuous Commissioning Specialist (CCS) Training Course and Exam is for those involved in commissioning commercial buildings (meets the needs of EECA's Systems Optimisation requirements). The course is delivered face-to-face in a collegial style by highly experienced CEP trainers with deep expertise in continuous commissioning.

#### Who will benefit most from this training?

The Continuous Commissioning Specialist Training Course is designed for those involved in the commissioning and operation of commercial buildings such as HVAC engineers, installation, maintenance and service technicians, BMS and Controls specialists and technicians, and energy auditors and consultants. The Exam is available to those who have completed the CCS Training Course and wish to progress with Accreditation as an Energy Master Continuous Commissioning Specialist.

#### **Energy Master Accreditation**

Energy Master Accreditation is suitable for professionals who are involved in the maintenance, operation and/or commissioning of commercial buildings such as HVAC engineers, installation, maintenance and service technicians, BMS and Controls specialists and technicians, energy auditors and consultants.

To achieve Accreditation as an Energy Master Continuous Commissioning Specialist, candidates are required to:

- 1. Attend and complete the CEP Continuous Commissioning Specialist Training Course (2 and half days).
- 2. Complete and pass the 3 hour CCS Exam. The Exam is 'open book' with the use of the CCS Training Course materials. The pass mark required is 70% of the total marks possible.
- 3. Meet the Energy Master CCS eligibility requirements for qualifications and experience.

### Attendee Feedback

"CCx is central to NZ's goals of energy efficiency and low emissions, and the course was an excellent source of information and expertise in this area.

I would recommend this course to anyone responsible for the management and control of HVAC systems, or who engages contractors."

"The course was great! In particular I found Lance and Mark's "war" storeys most beneficial. Gaining learnings directly from their experience is invaluable."

### CARBON AND ENERGY PROFESSIONALS NEW ZEALAND

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# **COURSE CONTENT**

This face-to-face presentation and workshop-style course will cover the following topics as they relate to the practice of commissioning in commercial buildings:

- Fundamentals of HVAC
- Building Management Systems
- Fundamentals of Commissioning
- Measurement Technology
- Common HVAC Problems
- Continuous Commissioning (CCx)

- CCx Implementation
- Control Strategies and Functional Descriptions
- Measurement and Verification
- CCx as a long term approach

Dates: TBC October 2021 Location: TBC Auckland Trainers: Lance Jimmieson & Mark Crawford		
Investment (NZD, excludes GST, price per person)	CEP Member	Non-member
Training Course & Exam (3 days)	\$2,700	\$3,025
Training Course Only (2.5 days)	\$2,000	\$2,225
Exam & Accreditation (3 hours)	\$ 700	\$ 800

An additional 5% discount applies for multiple bookings from within the same business for this training course

### For full course details and registration links click here

https://cep.org.nz/details/continuous-commissioning-training/

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