

# Building Operator Certification (BOC)



The Building Operator Certification (BOC®) program has been developed by the Northwest Energy Efficiency Council (NEEC), based in Seattle, WA. The program is an eight-module, nine-day competency-based training and certification program, offering facilities personnel the improved job skills and knowledge to transform workplaces to be more comfortable, energy-efficient and environmentally friendly.

It is a widely-recognized training program, with **more than 14,000 certified professionals in North America, including 175+ in Canada**. Each class consists of classroom training and

project assignments, to be completed at the participant's facility, and in-class exams administered at the end of each day of training.

## Topics Covered

- BOC 1001 — Energy Efficiency Operation of Building HVAC Systems
- BOC 1002 — Measuring & Benchmarking Energy Performance
- BOC 1003 — Efficient Lighting Fundamentals
- BOC 1004 — Fundamentals of HVAC Controls
- BOC 1005 — Indoor Environmental Quality
- BOC 1006 — Common Opportunities for Low-cost Operational Improvements
- BOC 1007 — Facility Electrical Systems
- BOC 1008 — Operation & Maintenance Practices for Sustainable Buildings



## Target Clientele

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

- Building engineers
- Stationary engineers
- Maintenance supervisors and workers
- Facility coordinators
- HVAC technicians
- Electricians
- Operations supervisors and techs
- Others in the facility operation and maintenance field



## Logistics

CEUs: 6.3

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## Eligibility Criteria

### Education and experience

It is highly recommended that applicants for certification have a high school diploma or GED, and must have one of the following:

two or more years of experience working in operations and maintenance of a commercial or institutional facility,

OR

a minimum of one year of experience working in operations and maintenance of a commercial or institutional facility one year of technical college level education in facilities engineering related program,

OR

two or more years of experience in energy management of facilities with a focus on operations and maintenance.

«Eye opening experience.»  
(Kitchener-Wilmot, fall 2015)



«Very good use of real life  
examples to relate to.»  
(Toronto, fall 2015)

«Great info to bring back to  
work place and apply to  
increase savings potential.»  
(Kitchener-Wilmot, fall 2015)



«Very relaxing environment able  
to culture learning for old &  
new in the industry.»  
(Winnipeg, spring 2016)

«All maintenance staff should  
participate.»  
(Toronto, fall 2015)