



SPRING 2018

Building Operator Certification BOC[®] Level II

Building Operator Certification (BOC[®]) is an ENERGY STAR[®] award-winning training and certification program focusing on energy efficiency, prolonging equipment life and delivering cost savings through preventive maintenance.

BOC[®] is a professional development program created by the Northwest Energy Efficiency Council (NEEC).

The program will be delivered by the University of Hawai'i Mānoa Outreach College in partnership with Hawai'i Energy.

WHO SHOULD ATTEND

- BOC[®] Level I Alumni
- Facility Managers and Support Staff
- Building Operators and Maintenance Workers
- Chief/Facility Engineers and Support Staff
- Mechanical and Electrical Contractors who support chiller plants

COST

- **\$249** for individuals who qualify for Hawai'i Energy's tuition subsidy (see application form for details) – or –
- **\$1,400** full tuition (individual sessions \$200/day)

HOW TO APPLY

1. Download the Hawai'i Energy Application form at <http://go.hawaii.edu/NLj> or email profprog@hawaii.edu
2. Complete the application by **JANUARY 10, 2018**
3. Make payment by **JANUARY 25, 2018**

For registration assistance please call (808) 956-9249

All classes will be held on the
**UNIVERSITY OF HAWAII AT MĀNOA
CAMPUS, ROOM TBA**
8:00 AM - 4:00 PM

Sweater and brown bag lunch suggested.

FEB 24	Saturday	BOC 201
MAR 10	Saturday	BOC 202
MAR 17	Saturday	BOC 203 – Part 1
APR 7	Saturday	BOC 203 – Part 2
APR 14	Saturday	BOC 204
APR 28	Saturday	BOC 214
MAY 5	Saturday	BOC 216

SEE BACK FOR COURSE OUTLINE.



**THE ESSENTIAL
CREDENTIAL**
PROFESSIONAL TRAINING AND CERTIFICATION IN
ENERGY EFFICIENCY SINCE 1996

Building Operator Certification BOC[®] Level II, *continued*

COURSE OUTLINE

BOC 201: Preventive Maintenance & Troubleshooting Principles

Instructor: TBA

BOC 202: Advanced Electrical Systems Diagnostics

Instructor: Rory Reiley, Chief Engineer, Topa

BOC 203: HVAC Troubleshooting & Maintenance

Instructor: RJ Ritter, Controls Manager, Trane

BOC 204: HVAC Controls & Optimization

Instructor: RJ Ritter, Controls Manager, Trane

BOC 214: Introduction to Building Commissioning

Instructor: TBA

BOC 216: Enhanced Automation & Demand Reduction

Instructor: Erik Ahrens, General Manager,
Hawai'i Energy Systems

To earn the BOC[®] Level II certificate of completion, participants must attend all 7 Level II classes (49 hours), complete class exams as well as homework assignments.

BOC[®] certification exam optional: There is no certification exam for Level II holders only. However eligible participants* who wish to earn the additional certification credential and become a Certified Building Operator (CBO) must pass a comprehensive exam. The exam takes place after the course is completed and exam applications have been reviewed. Participants will be notified when they can take the exam after course completion.

**Participants who have taken both BOC Level I and II are eligible for the BOC[®] certification exam.*

COURSE DETAILS ARE SUBJECT TO CHANGE.

QUESTIONS

Contact Sandra von Doetinchem at **(808) 956-3422**



Hawai'i Energy helps educate island families and businesses about the many, lasting benefits of energy efficiency and conservation. Hawai'i Energy encourages and rewards smart energy choices which will allow our state to reach 100% clean energy faster and cheaper. To date, we have collectively saved the people of Hawai'i more than a billion dollars off their energy bills. Let Hawai'i Energy be your trusted energy advisor to help save you money and protect what makes Hawai'i so special.