

BOC®

Level 1 Building Operator Certification: Energy Efficiency for Commercial Buildings

BOC® is a comprehensive, nationally recognized energy efficiency training and certification program in commercial building operations and maintenance and includes topics such as measuring and benchmarking energy performance, efficiency in HVAC and lighting systems, indoor environmental quality, and common opportunities and building scoping for operational improvement.

BOC® is specifically designed for facility managers and support staff, building operators, maintenance workers, chief/facility engineers and support staff, and mechanical and electrical contractors who support chiller plants. Applicants who are experienced or currently employed in one of these positions will be given preference.

BOC Level I Certification

- Eight class meetings, Oct 17-Dec 11, 8am-4:30pm, UH Maui College campus
- 56 class hours, including in-class exams, plus five project assignments, for a total time commitment of about 74 hours.
- Classes include lectures, discussions, small group exercises, and facility tours.
- Projects require each participant to demonstrate competence by preparing an HVAC equipment floor plan for their building (or part of a building), benchmarking a building using Energy Star Portfolio Manager (ESPM), conducting a lighting survey and lighting retrofit case study, completing an HVAC controls review, and developing an occupancy schedule for part or all of their facility.
- For more information and to Download an Application, visit: sustainablemaui.org/building-operator-certification-boc
- Please email completed application to Melanie Stephens, mvstephe@hawaii.edu; mail to SLIM, 310 W. Ka'ahumanu Ave, Kahului, HI 96732; or hand deliver to SLIM at Laulima Building, UH Maui College. Please call 984-3502 with any questions.
- **Application deadline: Wed, October 1, 2014**
- Hawaii Energy will subsidize \$1,400 of training costs for qualified participants (\$1,600 without subsidy). **Approved students will pay only \$200 with Hawaii Energy funding.**

This program is sponsored by Hawaii Energy, a ratepayer-funded conservation and efficiency program administered by Leidos Engineering, LLC under contract with the Hawaii Public Utilities Commission, serving the islands of Hawaii, Lanai, Maui, Molokai and Oahu



UNIVERSITY of HAWAII®
MAUI COLLEGE



Hawaii Energy

YOUR CONSERVATION & EFFICIENCY PROGRAM

Course Schedule

BOC 1001 – Energy Efficient Operation of Building HVAC Systems

Date

Fri, Oct 17

Sat, Oct 25

BOC 1002 – Measuring and Benchmarking Energy Performance

Thu, Oct 30

BOC 1003 – Efficient Lighting Fundamentals

Fri, Nov 7

BOC 1004 – HVAC Controls Fundamentals

Sat, Nov 15

BOC 1005 – Indoor Environmental Quality

Fri, Nov 21

BOC 1006 – Common Opportunities for Low-Cost

Sat, Dec 6

Operational Improvement

BOC 1009 – Building Scoping for Operational Improvement

Thu, Dec 11

Instructors

Alex de Roode, John Bendon

Rory Reily

Michael Chang

Stan Walerczyk

Rory Reiley

Jennifer Chirico

Rory Reiley

Michael Chang

University of Hawaii – Maui College C3T Job Training Program

Dynamic Trainings Leading to Employment in Agriculture, Health and Energy

This project was funded from a grant awarded under the Trade Adjustment Assistance Community College and Career Training Grants, as implemented by the U.S. Department of Labor's Employment and Training Administration. C3T Hawai'i is an equal opportunity employer/program and auxiliary aids and services are available upon request to individuals with disabilities.