



Oregon & SW Washington Chapter

**Oregon & SW Washington Chapter of IFMA**

147 SE 102nd Ave.,  
Portland, OR 97216

[www.ifmaoregon.org](http://www.ifmaoregon.org)



# Building Operator Certification

Energy Efficiency Through Operator Training



**Special Offer for IFMA Members!**



Oregon & SW Washington Chapter

**30% OFF** \$950 for a limited time only  
\$1375 value

## 2009-2010 Oregon Training Schedules

BOC Level I / Series Starts:

BOC Level II / Series Starts:

Portland - **October 20, 2009**

Portland - **April 29, 2010**

Fast Track (PDX) - **Spring 2010**

Portland - **September 28, 2010**

**Register today at: [www.nweei.org](http://www.nweei.org)**

Contact IFMA-OR/SW WA or NWEEI for more information.

### Sponsors:



## EDUCATION AND AWARENESS FOR ENERGY CONSERVATION MEASURES AND PREVENTIVE MAINTENANCE

Building Operator Certification (BOC) is a nationally recognized training and certification program for building operators offering improved job skills and more comfortable, energy-efficient facilities.

## INDUSTRIES AND ORGANIZATIONS THAT BENEFIT FROM BOC:

- Government
- Health Care
- Facility Services
- Education
- Hospitality
- Manufacturing
- Municipalities
- Property Management
- Retail
- Military

Certification is competency-based and offered on two levels. Level I emphasizes energy-efficient building maintenance practices. Level II stresses advanced equipment troubleshooting and maintenance.



## LEVEL I CERTIFICATION

A total of 56 hours of classroom training and five project assignments include the following topics:

- Building Systems Overview
- Energy Conservation Techniques
- HVAC Systems and Controls
- Efficient Lighting Fundamentals
- Indoor Air Quality
- Facility Electrical Systems
- Operations & Maintenance Practices for Sustainable Buildings

## LEVEL II CERTIFICATION

A total of 49 hours of classroom training and three project assignments include the following topics:

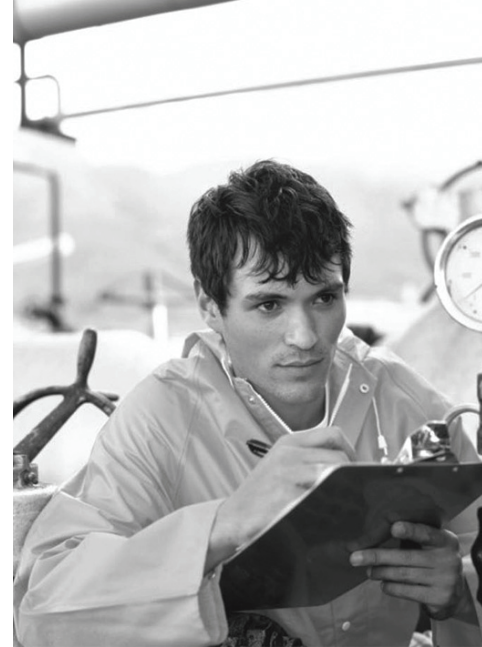
- Preventive Maintenance & Troubleshooting
- Advanced Electrical Diagnostics
- HVAC Troubleshooting & Maintenance
- HVAC Controls & Optimization

## SUPPLEMENTS

(2 offered per course series)

- Advanced Indoor Air Quality
- Motors in Facilities
- Water Efficiency for Building Operators
- Mastering Electric Control Circuits
- Introduction to Building Commissioning
- Electric Motor Management
- Enhanced Automation and Demand Reduction

To be certified, participants must successfully complete classes (one day per month), exams, project assignments and submit a certification application to BOC.



## LEARN FROM EXPERTS IN THE INDUSTRY

Building Operator Certification is led by highly regarded, experienced professional instructors. Participants receive a collection of valuable reference materials created and updated by facility experts in energy efficient operations and building systems.

Classes are offered in cities across the United States. To view training sites, class schedules, fees and a registration form, visit [www.theboc.info](http://www.theboc.info) or [www.nweei.org](http://www.nweei.org).

## CONTINUING EDUCATION UNITS OFFERED BY:

- Building Owners and Managers Institute (BOMI)
- International Facility Management Association (IFMA)

## THE REAL ADVANTAGES OF CERTIFICATION

*For Building Operators:*

- The most up-to-date facilities management training
- Energy conservation strategies
- Increased opportunities for career advancement
- Networking with others in your profession
- A vital collection of facility operations reference materials

*For Building Management:*

- Professional accreditation
- Facility assessments through on-site projects
- Lower utility bills and unscheduled maintenance
- Increased credibility with building tenants/occupants
- Increased facility safety, comfort and air quality
- Preparation for changing needs in facilities management
- Commitment to employee excellence



For more information visit:  
website: [www.nweei.org](http://www.nweei.org)  
phone: 1-877-447-4544  
email: [westerholme@lanecc.edu](mailto:westerholme@lanecc.edu)