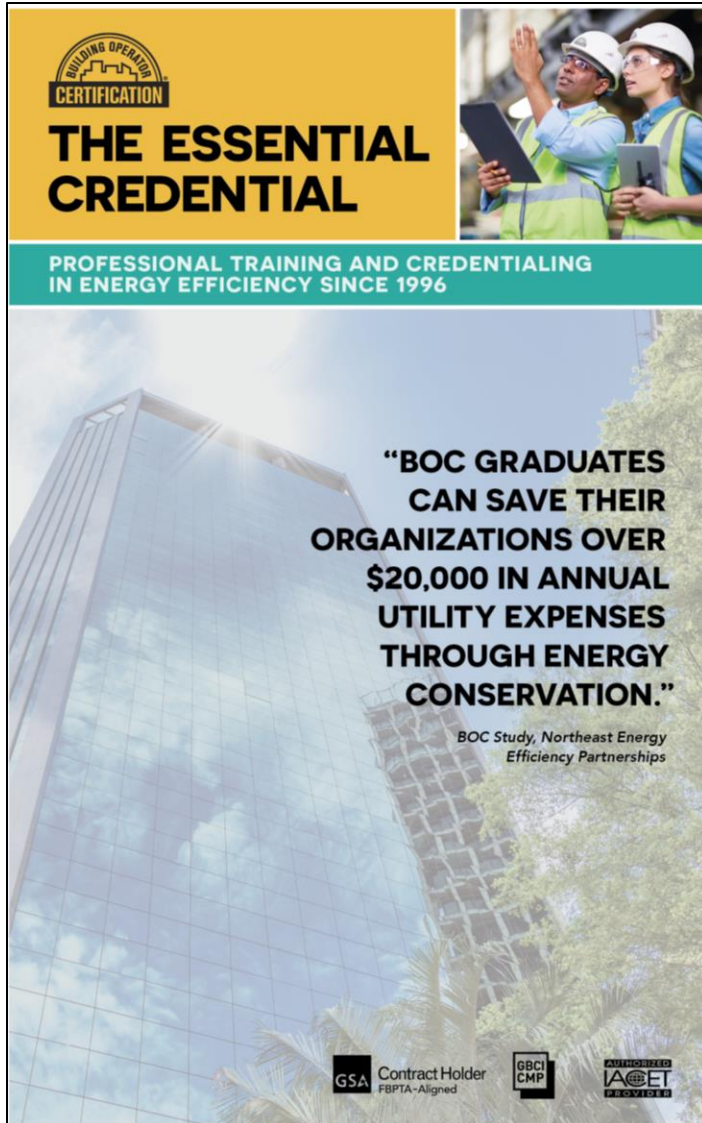




The Building Operator Certification The Essential Credential

April 8, 2026

The essential credential and locations cost



**BUILDING OPERATOR
CERTIFICATION**

THE ESSENTIAL CREDENTIAL

PROFESSIONAL TRAINING AND CREDENTIALING
IN ENERGY EFFICIENCY SINCE 1996

**“BOC GRADUATES
CAN SAVE THEIR
ORGANIZATIONS OVER
\$20,000 IN ANNUAL
UTILITY EXPENSES
THROUGH ENERGY
CONSERVATION.”**

*BOC Study, Northeast Energy
Efficiency Partnerships*

GSA Contract Holder
FBPTA-Aligned

**GBCI
CMP**

**AACSB
IACET
PROVIDER**



**BUILDING OPERATOR
CERTIFICATION**

The mission of BOC is to elevate the profession of the building operator through training in energy efficiency and smart building technologies, continued education, and certification. This skilled workforce provides energy and resource savings to building owners and organizations.

LOCATIONS

BOC – UNITED STATES

California:
www.theBOC.info/ca

Colorado:
<http://www.boccolorado.org>

Delaware, Maryland, New Jersey, Pennsylvania, Virginia, West Virginia, & District of Columbia:
<https://www.pct.edu/business/clean-energy/building-operator-certification>

Idaho and Montana:
email: bocinfo@theboc.info

Georgia:
<https://aceweb.gwinnettech.edu/wconnect/ShowSchedule.awp?~GROUP=BOCTRN-Building+Operator+Certification+Training>

Midwest:
Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota and Wisconsin.
www.boccentral.org

New Hampshire:
<http://www.lrcc.edu/energy>

New Mexico:
<http://www.energysmartacademy.com/commercial.html>

New York:
CUNY BPL
<https://cunybpctraining.org/>
NYSSFA
<https://nyssfa.com/>
32BJ
<https://training2.32bjfunds.org/en-us/home.aspx>

Northeast:
Connecticut, Maine, Massachusetts, Rhode Island, & Vermont
www.theBOC.info/ne

Oklahoma and Texas:
<https://eepartnership.org/program-areas/boc/>

Oregon:
<https://nweei.org/degree/building-operator-certification/>

South Carolina:
<https://ce.gvltec.edu/training/eohs/index.html>

Utah:
<http://www.boccolorado.org>

Washington:
www.theBOC.info/wa



FEES

LEVEL I & II

Standard course fee: \$2,495
This fee may vary by location.
Check websites for local rates.

Fee includes all instruction hours, class handbooks, a project workbook, BOC newsletters and credential recognition materials.

Certification Exam fee: \$325
Fee includes Certification Examination administration and certification recognition materials.

FUNDAMENTALS

Standard course fee: \$1,450
This fee may vary by location.
Check websites for local rates.

Email: BOCinfo@theBOC.info
Telephone: 1-877-850-4793
Web Site: www.theBOC.info

BOC Level I Course Series:

Building Systems Maintenance BOC 1001

- Day One
 - Introduction to the BOC Program and Certification Requirements
 - Energy Efficient Operations and Maintenance
 - Building Enclosures: Where Does the Heating and Cooling Energy Go
 - HVAC Equipment (Heating and Cooling Devices)
- Day Two
 - Cooling Systems
 - Air Properties and Human Comfort
 - Air Systems/ Central Air Handling Units
- **Course Project:** Research and complete O&M contact information for utility rebate representatives. Draw a simple floor plan of the facility. Identify primary heating and cooling plants, distribution lines and control points.



BOC Level 1 Content: BOC 1002

- **Measuring and Benchmarking Energy Performance**

- Energy Management
- Fuels and Utilities
- Fuel Comparison Methods
- Energy Accounting
- Energy Conservation Opportunities
- Operation and Maintenance
- Energy Management Planning/Strategies
- Pulling It All Together

Course Project: Benchmark your building in Energy Star™
Portfolio Manager

BOC Level 1 Content: BOC 1003

- **Efficient Lighting Fundamentals**
 - Lighting Principles and Terminology
 - Lighting Equipment
 - Lighting Maintenance
 - Making Lighting Systems More Efficient
 - Lighting Costs and Savings

Course Project: Lighting Survey



BOC Level 1 Content: BOC 1004

- **HVAC Controls Fundamentals**
 - Computerized Control Systems
 - Controls Strategies for Improving
 - Energy Efficiency of HVAC Systems

Course Project: HVAC Controls Review

BOC Level 1 Content: BOC 1005



Indoor Environmental Quality

Indoor Environmental Quality Overview
Fundamentals of Indoor Environmental Quality
Preventing IAQ Problems
Effective Communication



Course Project: Observe major areas or zones within the building and develop daily, weekly and annual occupancy profiles for each zone. Interview several building occupants, operators, and custodial staff to determine actual number of occupants and working hours as well as an estimate of customers, students or other visitors using the area.

BOC Level 1 Content: BOC 1006

- **Common Opportunities for Low-Cost Operational Improvement**
 - Introduction and overview
 - Three Key Practices
 1. *Developing a building system operations map*
 2. *Using Energy Use Index (EUI) and benchmarking*
 3. *Targeting HVAC systems and equipment*
 - Equipment Scheduling
 - Sensor Error
 - Simultaneous Heating and Cooling
 - Outside Air Usage
 - HVAC Systems and Major Equipment
 - Introduction to Data Loggers

Course Project: Apply for the Training Certificate of Completion (TCOC)



BOC Level 1



Successful graduates of our [training program](#) earn Training Certificates of Completion (TCOC).

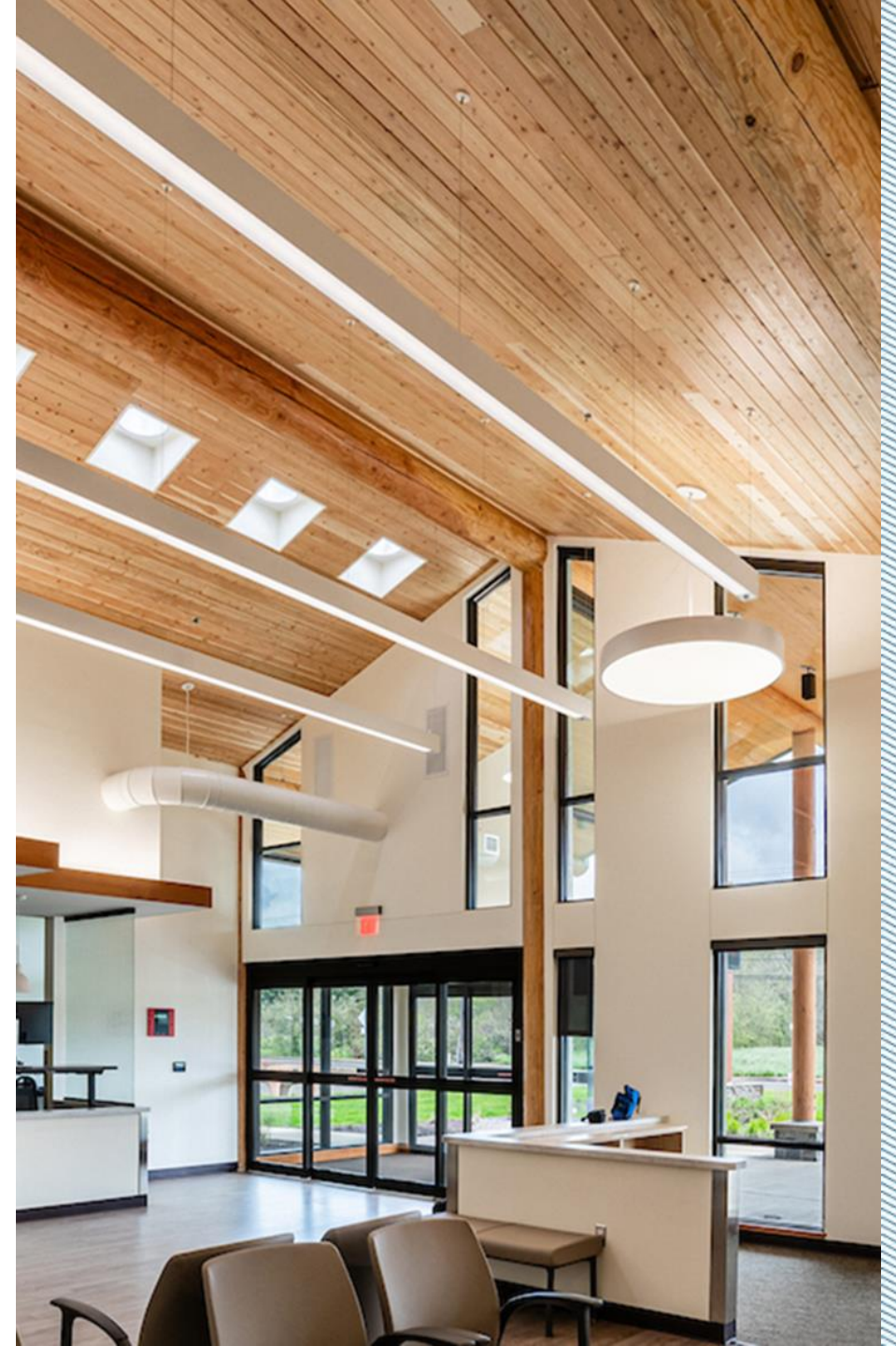


Graduates who elect to take the Certification Exam and pass, earn the BOC Certification and become a Certified Building Operator (CBO).

Level II Course Series: Improving Building Operational Performance

- BOC 2001 Building Scoping for Operational Improvements
- BOC 2002 Optimizing HVAC Controls for Energy Efficiency
- BOC 2003 Introduction to Building Commissioning
- BOC 2004 Water Efficiency for Building Operators
- BOC 2005 Project Peer Exchange: Present Your Final Report

BOC Level II is recognized as one of the qualified training programs that meets the requirements for the “qualified person” responsible for determining compliance with the Oregon and Washington Buildings Performance Standard (BPS)



Cost

The Oregon BOC Level 1, 7 class sequence (\$2,495)

The Oregon BOC Level 2, 5 class sequence (\$2,495)

Energy Trust of Oregon (ETO) offers an \$1,800 Incentive.

Oregon BOC Practitioner (\$695)

About Energy Trust of Oregon

Independent
nonprofit

Serving 2.4 million customers of
Portland General Electric,
Pacific Power, NW Natural,
Cascade Natural Gas and Avista

Providing
access to
affordable
energy

Generating
homegrown,
renewable
power

Building a
stronger Oregon
and SW
Washington

Resources

Building Operator Certification

- www.TheBOC.info

Northwest Water and Energy Education Institute

- www.NWEEI.org



Thank you

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