

# EMPOWER YOUR WORKFORCE: BUILDING OPERATOR CERTIFICATION®

The Building Operator Certification (BOC) is the Nation's leading competency-based training and credentialing program for building engineers and maintenance personnel. Graduates make their buildings more comfortable, efficient and environmentally friendly, thanks to skills they master in our classes.

BOC teaches building operators to find practical, low-cost and no-cost efficiency solutions by working with existing systems. Independent research shows that BOC operators consistently save money and energy in their facilities — up to \$20,000 a year — thanks to energy conservation projects, air quality improvements and other initiatives. Plus, the savings are instant and continuous.



**“ BOC TRAINING IS EXCELLENT AND EVERY MAINTENANCE PERSON OUT THERE SHOULD GET THIS TRAINING TO HELP THEM UNDERSTAND THE CHANGES THEY CAN MAKE TO HELP SAVE ENERGY AND MONEY FOR THEIR COMPANIES AND THEMSELVES. ”**

*Supervisor, Philadelphia Department of Public Property*

## A UNIQUE HANDS-ON LEARNING EXPERIENCE

Whether delivered online or in-person, classes consist of lecture, discussion, small group exercises, and facility tours. Learners will complete a series of hands-on, out-of-class project assignments within their own facility.

These projects require participants to demonstrate competence in locating building equipment, distribution pathways, and control points; calculating facility energy consumption; critiquing HVAC systems operation; sketching the facility's electrical distribution system, and more.



**EARN A CERTIFICATE  
IN JUST 8 WEEKS**



**PROVEN TO SAVE  
ENERGY AND MONEY**



**LIVE INSTRUCTION  
ONLINE OR IN-PERSON**



**PRIVATE TRAINING FOR  
GROUPS OF 10 OR MORE**

# BUILDING OPERATOR LEVEL I COURSE SERIES: BUILDING SYSTEMS MAINTENANCE

## CLASS SCHEDULE

### WEEK 1: JANUARY 17, 2024

- ◇ Optimized Operations and Maintenance (O&M)
- ◇ Resources for O&M Best Practices

### WEEK 2: JANUARY 24, 2024

- ◇ The Building Envelope
- ◇ The Challenge to Occupant Comfort

### WEEK 3: JANUARY 31, 2024

- ◇ Energy Fundamentals and Benchmarking
- ◇ Building Data Analysis

### WEEK 4: FEBRUARY 7, 2024

- ◇ Efficient Lighting Practices Session
- ◇ Lighting Improvement Strategies

### WEEK 5: FEBRUARY 21, 2024

- ◇ Fundamentals of HVAC Controls
- ◇ Computerized HVAC Control Systems

### WEEK 6: MARCH 6, 2024

- ◇ Fundamentals of Indoor Environmental Quality Ventilation

### WEEK 7: MARCH 20, 2024

- ◇ Opportunities for Low-Cost Operational Improvement

### WEEK 8: APRIL 3, 2024

- ◇ O&M for Sustainable Buildings
- ◇ Energy Conservation

## ELIGIBILITY

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

- ◇ two-plus 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 AND one year of technical college-level education in facilities engineering related program, OR
- ◇ two-plus years of experience in energy management of facilities with a focus on operations and maintenance.

## COURSE FEES\*

\$1,895 per person

### GSA Preferred Pricing

(federal employees and military veterans only)

\$1,535 for the first person

\$1,335 for the second person

\*Rebates may be available. Check with your local utility company for Building Operator Training incentives.

