

Advance Your Workforce:

Fundamentals of Energy Efficient Building Operations



The Fundamentals of Energy Efficient Building Operations teaches building operators the basic principles of energy efficiency awareness and practices in commercial buildings. This course is for facilities personnel who are new to building operations, not directly involved in equipment maintenance, and those in management and supervisory roles.

Utilizing core Building Operator Certification® (BOC) concepts, this training focuses on efficient operations and strengthens building optimization skills. The training is intended to complement other on-the-job training and experience and to provide a general awareness of building operations fundamentals from an energy efficiency perspective.

After completing this course, participants will be able to:

- Achieve general awareness of facilities and instilled efficiency ethic
- Reinforce BOC concepts
- Strengthen building optimization skills
- Identify areas for energy savings
- Make energy-smart decisions in day-to-day tasks

Register Now

Fundamentals of Energy Efficient Building Operations Course Series

Live, Instructor-led Virtual Classroom

Start Date

Tuesday, March 16, 2021

Series duration is three weeks. Individual classes will occur on Tuesdays and Thursdays from 9am to noon.

Registration Deadline

Friday, March 12, 2021

Course Fees

\$995* per person

MD ASBO members save 10%!

Enter the promo code **ASBO-0321** to receive a discount.

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

Visit cleanenergy.pct.edu to register online.

"Fundamentals of Energy Efficient Building Operations is an excellent course for professionals who are new to O&M or those transitioning to an energy manager roll. Students will enhance basic skills related to energy efficiency and effective management practices."

Energy Efficiency Coordinator, PA

Live, Instructor-Led Classroom

This training series is delivered in real-time by a highly trained instructor using the web conferencing platform, Zoom. Trainees participate from the convenience and safety of their home or office using only a computer connected to the Internet; a web camera and microphone are strongly encouraged. All course manuals, workbooks, and supplemental resources are mailed to trainees prior to the first class.

Classes occur on a defined schedule, each lasting approximately three hours. Students take part in a mix of instructor-led presentations, group discussions and exercises, quiz-style knowledge checks, and more for an interactive learning experience.

Class Schedule

All classes are scheduled from 9am to noon on the dates listed below.

Week 1: March 16th and 18th

Energy Efficiency and Sustainability Overview
Energy Efficient Operation of Building HVAC Systems

Week 2: March 23rd and 25th

HVAC Control Fundamentals
Efficient Lighting Fundamentals
Indoor Environmental Air Quality

Week 3: March 30th and April 1st

Measuring and Benchmarking Energy Performance
Common Opportunities for Low-Cost Operational Improvements
Putting it all Together

Clean Energy Center is the Mid-Atlantic administrator of the Building Operator Certification program

Clean Energy Center
Pennsylvania College of Technology
One College Avenue
Williamsport, PA 17701

cleanenergy.pct.edu
cleanenergy@pct.edu
570.327.4768