



Green Professional Building Skills Training



# Fundamentals of Building Green + Operations & Maintenance Essentials Instructor Training

## COURSE SCHEDULE:

### **FUND + Instructor Training**

Tuesday, February 28th  
9:00 AM to 5:00 PM

### **O&M**

Wednesday, February 29th  
9:00 AM to 3:00 PM

### **Combined Exam**

Wednesday, February 29th  
3:30 PM to 4:45 PM

## LOCATION:

Consortium for Worker Education  
275 7th Avenue, 16th Floor  
New York, NY

### **FUNDAMENTALS OF BUILDING GREEN:**

#### **PART A: SUSTAINABILITY**

1. Why Green Building?
2. Climate Change: Causes & Impacts
3. Our Natural Resources: Sustainability Challenges
4. The History of Environmental Protection
5. Continuing the Road to Sustainability

#### **PART B: GREEN BUILDING**

6. How Do We Know It's Green?
7. Codes and Standards: Ensuring Performance
8. Applying Sustainability: Using LEED Credits

#### **PART C: YOUR ROLE IN BUILDING GREEN**

9. Construction Activity Pollution Prevention
10. Construction Waste Management
11. Construction Indoor Air Quality
12. Commissioning

### **OPERATIONS & MAINTENANCE ESSENTIALS:**

1. Operations & Maintenance in Green Building
2. Building Performance Metrics
3. The Building Envelope
4. Water Use
5. Heating and Cooling
6. Lighting
7. Indoor Air Quality
8. Dealing With Waste
9. Commissioning and Energy Audits
10. Additional Educational Opportunities and Resources

## WHAT IS GPRO?

The GPRO training program is designed for experienced building professionals who seek to integrate green practices into the core knowledge of his or trade.

GPRO Operations & Maintenance Essentials is intended for a wide variety of professionals who work on-site in building operations and maintenance.

The types of buildings addressed range from multifamily residential to high-rise commercial to industrial. Candidates range from building superintendents and managers to stationary or operating engineers.

## WHO ARE GPRO O&M STUDENTS?

The GPRO training program is designed for experienced building professionals who seek to integrate green practices into the core knowledge of their trade. The program materials provide new awareness and skills required to successfully implement a green building project.

To successfully participate in the *Operations & Maintenance Essentials* class and pass the certificate exam, students should have experience working on-site in building operations and maintenance. The types of buildings addressed range from multifamily residential to high-rise commercial to industrial. Candidates range from building superintendents and managers to stationary or operating engineers.

## WHAT ARE SUGGESTED REQUIREMENTS FOR GPRO INSTRUCTORS?

GPRO seeks qualified Instructor Applicants who meet the following criteria:

- At least 5 years of experience in building operations (or related experience)
- Passion for sustainability

Other suggested qualifications:

- Experience with adult education
- Construction training experience
- Knowledge about green building

## CONTINUING EDUCATION CREDITS

GPRO FUND + O&M qualifies for 12 *GBCI Continuing Education* credits (non-LEED specific) and 12 *AIA Continuing Education Credits*: HSW/SD. For more information see [www.gpro.org/faqs](http://www.gpro.org/faqs)

## FOR FURTHER INFORMATION, PLEASE CONTACT:

Ellen Honigstock  
eh@urbangreencouncil.org  
(212) 514-9385 x 20

To download an application, please visit: [gpro.org/calendar/instructor\\_trainings/](http://gpro.org/calendar/instructor_trainings/)