

GPRO: Fundamentals of Building Green + Construction Management

WHAT IS GPRO?

GPRO is a national green building training and certificate program developed by Urban Green Council, USGBC New York, that teaches the people who build, renovate and maintain buildings the principles of sustainability combined with trade-specific green construction knowledge.

GPRO is a series of courses and coordinated certificate exams that teach skilled workers how to meet the expectations of owners and tenants who want healthier, environmentally sustainable, and energy-efficient homes and offices.

FUNDAMENTALS OF BUILDING GREEN:

4 HOURS

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

CONSTRUCTION MANAGEMENT:

6 HOURS

- 1: Construction Management and Green Building
- 2: Pre-Con Services: Sustainability Planning in the Design Phase
- 3: Proposal for Construction Services: Addressing Sustainability
- 4: Trade Bid & Award: Incorporating Sustainability Strategies
- 5: Mobilization
- 6: Training Your Trades on Project Goals and Requirements
- 7: Shop Drawings and Submittals
- 8: Rough In, Finishes and Fit-out
- 9: Commissioning and Close-Out
- 10: Measurement & Verification

WHO SHOULD TAKE THIS COURSE?

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

To successfully participate in the class and pass the certificate exam, individuals should have construction experience such as: CM or GC site superintendent, project manager, project engineer/clerk, sustainability manager, trade foreperson, facilities manager, building owner, owner's representative, project architect, professional engineer, or commissioning agent.

WHY TAKE THIS COURSE AT AEA?

Qualified, Experienced Trainers AEA trainers are certified by BPI, AEE, GBCI, NATE, OSHA, and other top standards and certifying bodies. Our staff is engaged in green building design and construction management in fulfillment of AEA's role as a Partner in NYSEDA's Multifamily Performance Program—and in a wide range of other energy efficiency projects. G|Pro courses taught at AEA draw on this extensive knowledge base allowing trainers to teach from real world examples and share best practices for use of new technology used in the field.

Convenient Midtown Location. AEA's Midtown location is steps away from Manhattan's Penn Station, and close to major subway lines.

Innovative Technology. Through the classroom use of 3-D building diagrams and graphic animations, AEA trainers present for discussion a wide variety of scenarios based on real buildings undergoing specific problems or processes.

Continuing Education Credit. AEA is an approved provider of continuing education credits for BPI and AIA.

