American University of Beirut  
Continuing Education Center  
Green Buildings and LEED Training Program  

Training Workshop Ref: GB–LEED_03  

“Implementing LEED NC 2009”  

By  
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Background  
This workshop provides an advanced level of LEED technical training. It fosters understanding the all the LEED NC 2009 Prerequisites and Credits through going over their individual intents and technical requirements, touching on their required technical standards and calculation procedures, and discussing various compliant sample project applications.  
The workshop discusses the integrated design approach from various perspectives and exhibits the importance of such management strategies for achieving successful green projects.  
Accordingly, the workshop goes beyond the requirements for “LEED Green Associate” credentials, and includes essential preparation materials for “LEED Accredited Professional for Building Design and Construction” (LEED AP BD+C) exam.

Workshop Objectives  
After completing this workshop, the attendee should be able to:  
- Acquire familiarity with LEED Integrated Design Approach  
- Recognize the intents, requirements, and sample applications of the LEED 2009-NC Categories, along with their respective Prerequisites and Credits  
- Identify successful LEED strategies and synergetic opportunities  
- Be ready for effective participation in LEED project teams  
- Identify the right resources to check compliances, make calculations, for LEED 2009-NC Prerequisites and Credits  
- Start effective preparation for LEED AP BD+C exam
Who Should Attend?

All construction-industry professionals who are seeking to have advanced levels of LEED technical training and participate effectively in LEED projects.

Typical workshop participants should have already acquired basic green building and LEED certification expertise through at least one of the following cases:

- Holding LEED AP credential
- Holding LEED Green Associate credential
- Have participated in the “Green Buildings and LEED Certification concepts”, or similar professional training workshops
- Have had previous green building and LEED certification expertise through participation in actual LEED projects

Workshop Content

The training program will be covered in one full day (from 8:30am to 4:30pm) and includes the following topics:

Part-I: “LEED Integrative Design Approach”

- Design Integration concept and applications
- Deficiencies in conventional design approach
- Integrative Design vs Conventional Design approach
- Benefits of the Integrative Design Approach


- LEED 2009-NC rating system components
- Detailed technical review on the Intents, Requirements, and compliance strategies for all LEED 2009-NC prerequisites and credits of the following Categories:
  - Sustainable Sites
  - Water Efficiency
  - Energy & Atmosphere
  - Materials & Resources
  - Indoor Environmental Quality
  - Regional Priority
  - Innovation & Design
- Exhibit sample successful strategies, sample credit calculations, and sample LEED documentation guidelines.
- Solve sample LEED GA & LEED AP exam questions.