

LEED AP BD+C EXAM PREPARATION - GREEN BUILDING TECHNIQUES

"Master LEED Green Building Principles and Pass the LEED AP BD+C Exam with Confidence."

Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** In-House Training

Introduction

This intensive 5-day training prepares professionals for the LEED AP BD+C (Leadership in Energy and Environmental Design - Building Design + Construction) credential exam. It covers the core concepts of sustainable design, green construction, and environmental performance metrics aligned with U.S. Green Building Council (USGBC) standards. The course also provides a detailed review of the LEED BD+C rating system, documentation procedures, and exam strategies to ensure success.

Objectives

By the end of this course, participants will be able to:

- Understand the structure and objectives of the LEED v4/v4.1 BD+C rating system
- Apply green building techniques and sustainability strategies in new construction and major renovations
- Navigate project documentation and LEED Online processes
- Analyze prerequisites and credits within BD+C categories
- Develop strategies to pass the LEED AP BD+C exam successfully

Why Attend

This course not only equips you with deep knowledge of green building practices but also positions you as a certified sustainability leader. It's a vital credential for professionals in architecture, engineering, and construction industries committed to environmentally responsible design.

Target Audience

- Architects and Architectural Technologists
- Civil, Electrical, and Mechanical Engineers
- Project Managers and Construction Supervisors
- Green Building Consultants
- Real Estate Developers
- Urban Planners and Sustainability Officers

Individual Benefits

- Increase your credibility as a certified green building professional
- Gain practical skills in sustainable design and LEED documentation
- Prepare effectively for LEED AP BD+C certification
- Advance your career in sustainability and construction management

Organizational Benefits

- Enhance the organization's ability to deliver LEED-certified projects
- Strengthen compliance with environmental and green building regulations
- Improve project efficiency and energy savings
- Position your company as a sustainability leader

Instructional Methodology

- Live instructor-led presentations
- LEED credit category breakdowns and real-world case studies
- Practice quizzes, flashcards, and mock exams
- LEED Online documentation walkthrough
- Group project exercises simulating green building scenarios

Course Outline

DETAILED 5-DAY COURSE OUTLINE (Customizable) Training Hours: 07:30 AM – 03:30 PM Daily Format: 3–4 Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

DAY 1 – FOUNDATIONS OF GREEN BUILDING & LEED SYSTEM

- Module 1: Introduction to Sustainability and Green Building (07:30 – 09:30)
- Module 2: Overview of USGBC, GBCI, and LEED Credentials (09:45 – 11:15)
- Module 3: Structure and Process of LEED Certification (11:30 – 01:00)
- Module 4: Rating Systems and LEED v4 vs v4.1 Updates (02:00 – 03:30)

DAY 2 – LEED PROCESS & INTEGRATIVE STRATEGIES

- Module 1: LEED Application Process & Roles of Stakeholders (07:30 – 09:30)
- Module 2: Integrative Process & Project Phases (09:45 – 11:15)
- Module 3: Location & Transportation (LT) Category (11:30 – 01:00)
- Module 4: Sustainable Sites (SS) Credit Category (02:00 – 03:30)

DAY 3 – WATER, ENERGY & MATERIAL SYSTEMS

- Module 1: Water Efficiency (WE) – Indoor & Outdoor Use Reduction (07:30 – 09:30)
- Module 2: Energy & Atmosphere (EA) – Building Performance, Commissioning (09:45 – 11:15)
- Module 3: Materials & Resources (MR) – Life Cycle, Waste, and Sourcing (11:30 – 01:00)
- Module 4: Green Building Systems in Practice (02:00 – 03:30)

DAY 4 – ENVIRONMENTAL QUALITY, INNOVATION & REGIONAL PRIORITY

- Module 1: Indoor Environmental Quality (IEQ) – Ventilation & Comfort (07:30 – 09:30)
- Module 2: Innovation & Design Process (ID) (09:45 – 11:15)
- Module 3: Regional Priority Credits (RP) (11:30 – 01:00)
- Module 4: LEED Online, Credit Templates, and Documentation (02:00 – 03:30)

DAY 5 – EXAM PREPARATION & MOCK TEST

- Module 1: Exam Format, Key Concepts, and Tips (07:30 – 09:30)
- Module 2: Practice Questions – Interactive Session (09:45 – 11:15)
- Module 3: Full-Length Mock Exam & Review (11:30 – 01:00)
- Module 4: Debrief, Q&A, and Personal Study Plans (02:00 – 03:30)

Certification

Participants will receive a Certificate of Completion: LEED AP BD+C Exam Prep. The course prepares learners to sit for the LEED AP BD+C certification exam administered by GBCI.

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