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LEED AP BUILDING DESIGN + CONSTRUCTION
LEED AP BD+C OVERVIEW
ONLINE TRAINING BY KRISHNAJI PAWAR
LEED AP(BD+C),GSAS CGP,GCP,ISO 14001
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MODULE 2

Knowing the Process of LEED Credentialing

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LEED BD+C OVERVIEW

Beyond Smart Cities provides a comprehensive LEED AP BD+C package, simplifying the process of becoming a certified professional, covering exam preparation, sustainable design, and certification advantages.

Learning Objectives

- Introduction
- Knowing the Process of LEED Credentialing
- Basic Concepts of Sustainable Design
- Organizational Fundamentals
- LEED Green Building Rating System
- Reasons to Become LEED Accredited
- Getting a LEED AP BD+C Credential
- Summary and Resources
- LEED AP BD+C Quiz: Test Your Knowledge!

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INTRODUCTION

- Demonstrates proficiency in sustainable design, construction, operations.
- Earned by over 203,000 professionals.
- Showcases knowledge, experience, and credibility in green building.
- This lecture explains the tiered credentialing system, starting with LEED accreditation, which comprises three tiers for understanding its components and exam registration process.

1. LEED Green Associate
2. LEED Accredited Professional (AP) with Specialty
3. LEED Fellow

LEED CREDENTIALING PROCESS OVERVIEW

- LEED Certification Overview
- World's most widely used green building rating system.
- Provides framework for healthy, efficient, cost-saving green buildings.
- A globally recognized symbol of sustainability achievement.
- Supports over 197,000 projects in 186 countries and territories.
- LEED v5 is the latest version, aligning with a low-carbon future.
- Addresses equity, health, ecosystems, and resilience.



LEED CREDENTIALING PROCESS OVERVIEW+

- LEED stands for Leadership in Energy and Environmental Design.
- It's a green building rating system that evaluates projects and grants certification.
- Created by the U.S. Green Building Council in the 1990s, it's a national benchmark for high-performance green buildings.
- It's the most recognized and widely used green building program globally.



LEED AP BUILDING DESIGN + CONSTRUCTION (LEED AP BD+C)

Suits professionals with expertise in the design and construction phases of green buildings, serving the commercial, residential, education and healthcare sectors.

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LEED AP BD+C CREDENTIAL OVERVIEW

- Applicable to professionals in green building design and construction.
- Serves commercial, residential, education, healthcare sectors.
- Task Domains: LEED Project and Team Coordination, LEED Certification Process, Required LEED Credits Analyses, Advocacy and Education for LEED Rating System.



TASK DOMAINS AND KNOWLEDGE DOMAINS

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Task Domains

- LEED Project and Team Coordination (22%)
- LEED Certification Process (32%)
- Analyses Required for LEED Credits (32%)
- Advocacy and Education for Adoption for LEED Rating System (14%)



Knowledge Domains encompass various concepts like LEED Process, Integrative Strategies, LEED credit categories, Project Surroundings and Public Outreach, reflecting the rating systems' credit categories.

KNOWLEDGE DOMAINS +

- LEED Process (8 questions)
- Integrative Strategies (9 questions)
- Location and Transportation (9 questions)
- Sustainable Sites (9 questions)
- Water Efficiency (9 questions)
- Energy and Atmosphere (14 questions)
- Materials and Resources (12 questions)
- Indoor Environmental Quality (11 questions)
- Project Surroundings and Public Outreach (4 questions)







LEED AP Building Design + Construction (LEED AP BD+C)

Suits professionals with expertise in the design and construction phases of green buildings, serving the commercial, residential, education and healthcare sectors.



LEED AP Operations + Maintenance (LEED AP O+M)

Distinguishes professionals implementing sustainable practices, improving performance, heightening efficiency and reducing environmental impact in existing buildings through enhanced operations and maintenance.



LEED AP Interior Design + Construction (LEED AP ID+C)

Serves participants in the design, construction and improvement of commercial interiors and tenant spaces that offer a healthy, sustainable and productive work environment.



LEED AP Neighborhood Development (LEED AP ND)

Applies to individuals participating in the planning, design and development of walkable, neighborhoods and communities.



LEED AP Homes

Suited for those involved in the design and construction of healthy, durable homes that use fewer resources and produce less waste.

LEED FELLOW CREDENTIALING OVERVIEW

The highest accreditation in sustainable design and construction is LEED Fellow, which recognizes great technical knowledge, leadership, teaching, mentoring, research, and advocacy for green building and sustainability.

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LEED FELLOW CREDENTIALING OVERVIEW



- The third tier of the credentialing system, indicating exceptional contributions to the sustainable design and construction community.
- Demonstrates technical knowledge and skill.
- Demonstrates exemplary leadership in green building.
- Contributes significantly in teaching, mentoring, or research.
- Demonstrates impactful commitment, service, and advocacy for green building and sustainability.

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EARNING LEED CREDENTIALS: INDIVIDUAL, EMPLOYER, AND INDUSTRY BENEFITS

- Earning the LEED Green Associate credential provides a professional with a unique marketing tool.
- It provides exposure on the USGBC website and a certificate for professional recognition.
- Employers benefit from eligibility for participation in LEED projects, building firm's credentials.
- It encourages staff to aim for the same credential, aiding firm evolution.
- The market benefits from more professionals earning the LEED Green Associate credential, promoting sustainability and market growth.



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