BLACKBIRD FOR TRAINING

Leadership in Energy and Environmental Design - Accredited Professional (LEED-AP)

28 February – 4 March 2027
Dubai (UAE)



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Introduction

The Leadership in Energy and Environmental Design LEED program is one of the most widely recognized and respected green building certification systems in the world. The LEED-AP certification is specifically designed for professionals who want to demonstrate their expertise in sustainable building practices and become leaders in the field. This course is tailored to provide participants with the most modern and advanced knowledge in LEED-AP, equipping them with the skills necessary to excel in sustainable design and construction. If you aim to become an expert in LEED, demonstrate your capability to implement renewable energy and green building strategies, this course is your ideal opportunity.

Course Objectives

- Understand the fundamental principles and concepts of sustainable design and green building.
- Explore the latest trends and advancements in LEED certification and sustainable building practices.
- Gain an in-depth understanding of the LEED rating system and its various categories.
- Learn how to effectively apply LEED principles and strategies in real-world projects.
- Develop the skills to navigate the LEED certification process and successfully achieve LEED-AP accreditation.
- Explore advanced topics in sustainable building and energy efficiency, such as net-zero energy design, water conservation, and indoor environmental quality.
- Understand the economic and social benefits of green building and sustainable design.
- Gain insights into the latest technologies and innovations in sustainable building materials and systems.

Course Outlines

Day 1: Introduction to LEED and Sustainable Design

- Overview of the LEED rating system and its evolution.
- Sustainable design principles and their importance in modern construction.
- Understanding the environmental and social impacts of the built environment.
- Exploring the business case for green building and LEED certification.



Day 2: LEED Rating System and Categories

- In-depth exploration of the LEED rating system and its various categories.
- Understanding prerequisites and credits for each LEED category.
- Strategies for achieving LEED certification in various types of projects.
- Case studies of successful LEED-certified projects.

Day 3: Applying LEED Principles in Design and Construction

- Integrating sustainable design strategies into the project planning phase.
- Strategies for energy efficiency and integrating renewable energy into design.
- Techniques for water conservation and management in building design.
- Enhancing indoor environmental quality and occupant comfort.

Day 4: LEED Certification Process and Documentation

- Step-by-step guide to the LEED certification process.
- Documentation requirements and best practices for LEED projects.
- Strategies for effective project management and coordination.
- Reviewing LEED credit documentation templates and tools.

Day 5: Advanced Topics in Sustainable Building

- Net-zero energy design and renewable energy systems.
- Innovations in green building materials and technologies.
- Sustainable site development and land use planning.
- Emerging trends and future directions in LEED and sustainable design.

Why Attend This Course: Wins & Losses!

- Acquire the skills and knowledge required to earn LEED-AP certification and excel in sustainable project management.
- Learn how to apply LEED principles in design and construction for sustainable projects.
- Enhance your expertise in energy efficiency, renewable energy, water conservation, and improving indoor environmental quality.
- Understand the economic benefits of green building and innovations in sustainable construction materials.
- Get specialized training that prepares you for the LEED-AP exam and helps you meet LEED-AP requirements.
- Boost your environmental leadership and energy leadership skills with comprehensive energy leadership training.



Conclusion

This course represents a crucial opportunity for professionals to deepen their expertise in LEED-AP certification and gain advanced knowledge in sustainable design. If you are looking to enhance your skills in environmental leadership, energy efficiency, and green building, this course will provide you with the tools needed to succeed. From sustainable design to LEED certification, you'll learn how to become a leader in renewable energy and green building.

Join us today to earn your LEED-AP certification and take the next step toward becoming a leader in energy and environmental design!

