



# التحضير لاختبار C+BD AP LEED : تصميم وإنشاء المباني المستدامة



**AGILE LEADERS**  
Training Center

08 - 12 Jun 2027

دبي

## التحضير للاختبار C+BD AP LEED : تصميم وإنشاء المباني المستدامة

المرجع: 103600405\_59089 التاريخ: 08 - 12 Jun 2027 الموقع: دبي الرسوم: Euro 6500

### Course Overview:

This LEED AP BD+C exam prep training course equips professionals with the knowledge and skills needed to succeed in the LEED Accredited Professional Building Design and Construction exam. Through structured sessions, interactive discussions, and practice exercises, participants will gain a deep understanding of sustainable building design and construction, exam structure, and credit category requirements.

The course explores essential LEED credit categories such as Sustainable Sites, Water Efficiency, Energy & Atmosphere, Materials & Resources, Indoor Environmental Quality, Innovation, and Regional Priority. Learners will engage with case-based scenarios, collaborative exercises, and exam-style practice questions to build both theoretical knowledge and practical application.

By the end of the program, participants will be fully prepared to pass the LEED AP BD+C exam, confident in applying sustainable strategies to real-world projects, and ready to achieve their professional accreditation.

### Target Audience:

- Architects and Engineers
- Sustainability Consultants and Green Building Advisors
- Project Managers and Construction Professionals
- Facility Managers and Building Owners
- Environmental and Energy Specialists
- Professionals preparing for the LEED AP BD+C exam

### Targeted Organizational Departments:

- Architecture and Design Teams
- Construction and Project Development Units
- Facilities and Operations Management
- Corporate Sustainability and ESG Departments
- Environmental Health and Safety EHS Divisions
- Professional Development and Training Units

## Targeted Industries:

- Architecture, Engineering & Construction AEC
- Real Estate Development and Property Management
- Healthcare and Hospitality Facility Design
- Government and Institutional Building Projects
- Corporate Real Estate and Sustainability Teams
- Universities, Schools, and Educational Institutions

## Course Offerings:

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

- Understand and apply the requirements of the LEED AP BD+C exam.
- Navigate prerequisites and credits across all credit categories.
- Accurately solve exam-style questions under time conditions.
- Apply sustainable design strategies to real-world building projects.
- Develop exam readiness skills including time management and question analysis.
- Maintain professional accreditation through continuing education and credential upkeep.

## Training Methodology:

-This course adopts a practical and interactive training approach. Participants will benefit from a blend of instructor led sessions, group activities, case study analysis, and mock exam simulations. Interactive discussions will encourage peer-to-peer learning, while scenario-based exercises will provide real-world context to theoretical knowledge.

The program emphasizes applied learning, balancing theory with practice, and ensures that participants not only understand exam concepts but also know how to apply sustainable building strategies in professional settings. Reflection and review sessions at the end of each day will reinforce learning and allow for clarification of complex topics.

## Course Toolbox:

- Comprehensive workbooks and structured study outlines
- Mock exam question banks and answer discussions
- Practical case studies and scenario-based exercises
- Checklists and templates for credit documentation
- Access to digital study materials and online references

Note: tools are not provided physically but participants will gain insights into relevant tools and examples applicable to exam preparation and project practice.

## Course Agenda:

## Day 1: Foundations of LEED and Exam Preparation

- Introduction to LEED, USGBC, and GBCI framework Topic 1: •
- Overview of LEED AP BD+C exam format and requirements Topic 2: •
- Key updates in LEED v4 vs LEED v4.1 for BD+C Topic 3: •
- Integrative process and project team collaboration Topic 4: •
- Credit categories and LEED certification levels explained Topic 5: •
- Essential terms and foundational green building concepts Topic 6: •
- Recap of exam structure and core foundations Reflection & Review: •

## Day 2: Sustainable Sites and Water Efficiency

- Site selection strategies and environmental impact reduction Topic 1: •
- Location & Transportation LT credits overview Topic 2: •
- Sustainable Sites SS credits: ecosystem protection and design Topic 3: •
- Water Efficiency WE prerequisites and reduction strategies Topic 4: •
- Outdoor and indoor water use management approaches Topic 5: •
- Practical exercises on site and water efficiency scenarios Topic 6: •
- Daily quiz and group discussion on SS and WE credits Reflection & Review: •

## Day 3: Energy & Atmosphere

- Prerequisites for commissioning and minimum performance Topic 1: •
- Strategies for optimizing building energy performance Topic 2: •
- Renewable energy integration and demand response programs Topic 3: •
- Advanced metering and energy modeling techniques Topic 4: •
- Enhanced commissioning and performance verification Topic 5: •
- Practice exercises on energy calculations and scenarios Topic 6: •
- Simulation of exam-style questions and group review Reflection & Review: •

## Day 4: Materials, Resources & Indoor Environmental Quality

- Life cycle assessment and material reuse strategies Topic 1: •
- Product disclosure and sustainable procurement practices Topic 2: •
- Construction and demolition waste management plans Topic 3: •
- Indoor Environmental Quality prerequisites and testing protocols Topic 4: •
- Enhancing occupant comfort through air quality, lighting, and acoustics Topic 5: •
- Case study discussions on MR and EQ applications Topic 6: •
- Practice questions and applied exercises for MR & EQ Reflection & Review: •

## Day 5: Innovation, Regional Priority & Final Exam Preparation

- Innovation credits and exemplary performance opportunities Topic 1: •
- Regional Priority credits and localized project strategies Topic 2: •
- Exam time management and question-solving strategies Topic 3: •
- Approaches to handling complex multi-credit scenarios Topic 4: •
- Mock exam and review session with targeted feedback Topic 5: •
- Credential maintenance and continuing education requirements Topic 6: •
- Final review, key takeaways, and preparation roadmap Reflection & Review: •

## FAQ:

What specific qualifications or prerequisites are needed for participants before enrolling in the course?

No prerequisites are required, but it is recommended that participants hold or be preparing for the LEED Green Associate credential to strengthen their foundation.

How long is each day's session, and is there a total number of hours required for the entire course?

Each day's session is generally structured to last around 4-5 hours, with breaks and interactive activities included. The total course duration spans five days, approximately 20-25 hours of instruction.

Is the LEED AP BD+C exam more focused on technical knowledge or application-based problem solving?

The exam emphasizes both technical knowledge and application. Candidates must understand prerequisites and credits while being able to analyze case-based scenarios to demonstrate real-world application.

## How This Course is Different from Other LEED AP BD+C Courses:

This course goes beyond rote memorization by integrating applied learning, case-based exercises, and structured exam simulations. While many courses focus only on theoretical study, this program emphasizes how to translate exam concepts into practical strategies for sustainable building design and construction.

Each day includes interactive reflection sessions to reinforce knowledge, group work to encourage collaboration, and practice exercises to build exam readiness. Participants benefit from a balance of technical detail and practical application, making this course not only an exam preparation pathway but also a professional development experience that enhances on-the-job capabilities.

## فئات الدورات التدريبية

|                                                    |                                                     |
|----------------------------------------------------|-----------------------------------------------------|
| الدورات التدريبية في مجال البيئة والاستدامة        | دورات إدارة الجودة وتطوير العمليات                  |
| دورات إدارة و تحليل البيانات ودورات علم البيانات   | دورات إدارة و تطوير الموارد البشرية                 |
| دورات الذهن السيرياني ودورات تقنية المعلومات       | دورات الاتصال الجماهيري و السياسات والعلاقات العامة |
| دورات التدريب القانوني والهشتريات والتعاقدات       | دورات التسويق وإدارة علاقات العملاء وإدارة المبيعات |
| دورات الحوكمة وإدارة المخاطر والامتثال             | دورات السكرتارية و إدارة المكاتب                    |
| دورات الصحة والسلامة والذهن المهني                 | دورات الصيانة ودورات المجالات الهندسية المتنوعة     |
| دورات المحاسبة و التهويل و دورات الإدارة المالية   | دورات المهارات الشخصية وتطوير الذات                 |
| دورات في مجالات القيادة والإدارة                   | دورات معتمدة من قبل هيئات دولية                     |
| دورات مكتب إدارة المشاريع وإدارة المشاريع الرشيقية |                                                     |



## معدن التدريب

|                                      |                                         |                                    |
|--------------------------------------|-----------------------------------------|------------------------------------|
| أكرا<br>غانا                         | أثينا<br>اليونان                        | أبوظبي<br>الإمارات العربية المتحدة |
| الجبيل<br>المملكة العربية السعودية   | استنبول<br>تركيا                        | أهستردام<br>هولندا                 |
| الرياض<br>المملكة العربية السعودية   | الدوحة<br>قطر                           | الدار البيضاء<br>المغرب            |
| المنامة<br>مملكة البحرين             | الكويت<br>الكويت                        | القاهرة<br>مصر                     |
| بانكوك<br>تايلند                     | باكو<br>أذربيجان                        | باريس<br>فرنسا                     |
| برلين<br>ألمانيا                     | برشلونة<br>إسبانيا                      | براغ<br>جمهورية التشيك             |
| تيليسي<br>جورجيا                     | بوكيت<br>تايلاند                        | بورتو<br>البرتغال                  |
| جنيف<br>سويسرا                       | جاكارتا<br>جمهورية إندونيسيا            | تورنتو<br>كندا                     |
| روما<br>إيطاليا                      | حلي<br>الإمارات العربية المتحدة         | جوهانسبرغ<br>جنوب أفريقيا          |
| سنغافورة<br>سنغافورة                 | سان دييغو<br>الولايات المتحدة الأمريكية | زنجان<br>تنزانيا                   |
| شيكاغو<br>الولايات المتحدة الأمريكية | شرم الشيخ<br>مصر                        | سيول<br>كوريا الجنوبية             |
| طوكيو<br>اليابان                     | طشقند<br>أوزبكستان                      | طرابزون<br>تركيا                   |
| فرانكفورت<br>ألمانيا                 | عن بعد<br>منصة زووم                     | عمان<br>المملكة الأردنية الهاشمية  |



## مدن التدريب

|                          |                                       |                    |
|--------------------------|---------------------------------------|--------------------|
| كيب تاون<br>جنوب افريقيا | كوالالمبور<br>ماليزيا                 | فيينا<br>النمسا    |
| لندن<br>المملكة المتحدة  | لشبونة<br>البرتغال                    | لانكاوي<br>ماليزيا |
| مسقط<br>سلطنة عمان       | هدريد<br>اسبانيا                      | ماربيا<br>اسبانيا  |
| ميونخ<br>ألمانيا         | ميلان<br>إيطاليا                      | مونترو<br>سويسرا   |
|                          | نيويورك<br>الولايات المتحدة الأمريكية | نيروبي<br>كينيا    |