

## LEED v4 Green Associate Exam Preparation - Syllabus

### Description

LEED is the most distinguished and widely accepted environmental design and green building certification standard. The LEED Green Associate credential, a prerequisite to earn the LEED AP credential, targets professionals who want to demonstrate green building expertise in non-technical fields of practice and gain a competitive edge in today's job market, even with no prior experience in green construction.

Whether you're an Architect, Interior Designer, Engineer (all trades), Developer, Lawyer, Real estate agent or any other professional whose job is connected in one way or another to the construction industry, this course will walk you through the many concepts fundamental to the LEED v4 Rating Systems, the seven major categories of LEED, successful green building strategies, recommended study methods and exam-taking skills, tips and tricks.

Unlike any other fast and concise preparation course, SEEDS' 30-hours training course leaves you as prepared as possible for the green associate exam. A **Certificate of Completion** is provided at the end of the course.

### Prerequisites

None.

**Duration:** 30 Hours.

#### Green Building Basics

- Introduction
- Impacts of Buildings and construction
- Life Cycle assessment and Life Cycle Cost
- Defining Green building – Costs & Benefits

#### LEED and the LEED process

- Introduction
- USGBC
- LEED
- GBCI
- LEED Rating systems
- LEED Green Building Categories
- Credit Interpretation Request (CIRs)
- Minimum Program Requirements (MPRs)
- Registration and Certification Process
- LEED for Homes
- LEED Accreditation
- USGBC Portfolio Program
- LEED Technical Advisory Group (TAG)
- USGBC/GBCI Logo Policies

#### Location & Transportation

- Introduction
- Site Selection
- Surrounding Density and Diverse Uses
- Reducing Automobile Use

#### Sustainable Sites

- Introduction
- Site Assessment
- Site Design & Management
- Stormwater Management
- Restoring Natural Areas
- Reducing Heat Islands
- Eliminating Light Pollution

#### Water Efficiency

- Introduction
- Water Type Definitions
- Outdoor Strategies
- Indoor Strategies
- Process Water Strategies

#### Energy & Atmosphere

- Introduction
- Energy Demand
- Environmental Impact
- Energy Efficiency
- Energy Performance
- Energy Supply
- Measurement & Verification
- Commissioning

#### Materials & Resources

- Introduction
- Materials Impact
- Waste Management
- Life Cycle Assessment

#### Indoor Environmental Quality

- Introduction
- Improve Indoor Air Quality
- Source Control
- Improve Ventilation
- Increase Occupant Comfort
- Daylighting
- Views
- Occupant Control
- Acoustics

#### Innovation in Design

- Introduction
- Exemplary Performance
- Innovative Performance
- LEED AP on Staff
- School as a teaching tool

#### Regional Priority

- Introduction
- Example

#### LEED synergies

- Opportunities
- Conflicts

▪ **LEED Green Associate Exam**

- Study Materials
- Main Steps for Exam preparation
- Applying and Registering
- Exam characteristics

▪ **The Seven Domains**

- Synergistic Opportunities and LEED Application Process
- Project Site factors
- Water Management
- Project Systems and Energy Impacts
- Acquisition, Installation, and Management of Project Materials
- Stakeholder Involvement in Innovation
- Project Surroundings and Public Outreach

## **Important Note**

**Every Attendee gets free online access to 600 realistic sample questions (6 practice tests) with detailed score reports mentioning answers and comprehensive explanations. Results summary can be reviewed by objective so you can see which topics you need to devote more time to.**

**These practice tests give you the same look and feel as the live exam so you would know what to expect on exam day. Attendees can thus practice at home, office or any other location at their own pace!**