

Free PDF 2026 Authoritative LEED-AP-Homes: LEED AP Homes (Residential) Exam Latest Test Bootcamp

SYLLABUS
STUDY PLAN

LEED AP HOMES EXAM: FOUR WEEK STUDY PLAN

OVERVIEW
This step-by-step plan will get you ready to pass the LEED® AP Homes exam in four weeks. Plan to study 5-5 hours each day, depending on your own pace.

To get started, [create a free account on usgbc.org](https://www.usgbc.org) if you do not already have one. If you are a student, check the "I am a student" box to receive discounts on exam registration. Make sure you're signed into your account, so that you can view the course pages.

Each day's study plan page includes links and/or resources to download that you will need to study.

NOTE: This study plan assumes that you have passed the LEED® Green Associate™ exam. Candidates may take both the LEED Green Associate and LEED AP Homes exam in one sitting, or separately. This study plan focuses specifically on the knowledge needed to pass the LEED AP Homes exam, beyond that which is required to pass the LEED Green Associate exam. LEED project experience is critical to the LEED AP designation and it is tested within the LEED AP Homes exam itself. If you are new to LEED, we highly recommend you focus first on the LEED Green Associate exam.

[Information on how to prepare for the LEED Green Associate exam.](#)

REQUIRED MATERIALS
In addition to the free resources included on each day's study plan page, you'll need to purchase the [LEED v4 Reference Guide for Homes Design and Construction](#).

For questions about the LEED AP Homes credential or exam: [usgbc.org/credentials](https://www.usgbc.org/credentials).

DAY 1 STUDY PLAN >>>

Topics:
Becoming a LEED AP
The LEED AP exam process
The case for green building

Study activities:
 Watch video "What is a LEED AP?"
 Read *LEED AP Homes Candidate Handbook* (16 pages)

DAY 2 STUDY PLAN >>>

Topics:
Foundations of LEED
Green Building Incentive Strategies

Study activities:
 Read "Foundations of LEED" document (29 pages)
 Read article "Green building incentive strategies."

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BTW, DOWNLOAD part of ITEXAM Simulator LEED-AP-Homes dumps from Cloud Storage: <https://drive.google.com/open?id=1Xh48QqyNoIX5umMFjLy0RlsZrPQktDo0>

We provide top quality verified LEED-AP-Homes certifications preparation material for all the LEED-AP-Homes exams. Our LEED-AP-Homes certified experts have curated questions and answers that will be asked in the real exam, and we provide money back guarantee on LEED-AP-Homes Preparation material. Moreover, we also offer LEED-AP-Homes desktop practice test software that will help you assess your skills before real USGBC exams.

USGBC LEED-AP-Homes Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"> Energy and Atmosphere: This section of the exam measures the skills of a Green Building Engineer. It includes evaluating the principles of energy efficiency, performance optimization, and emissions reduction in residential design, all critical to minimizing environmental impact while meeting occupant needs.
Topic 2	<ul style="list-style-type: none"> Location & Transportation: This section of the exam measures the skills of an Environmental Planner. It focuses on how homes integrate with their surroundings and connect to transportation networks, emphasizing sustainable siting strategies aligned with urban planning practices.

Topic 3	<ul style="list-style-type: none"> • LEED Process: This section of the exam measures the skills of a Green Building Consultant. It covers the comprehensive framework of the LEED Homes certification process, from understanding project eligibility and roles—such as green raters and quality assurance designees—to navigating certification requirements, the LEED verification process, and documentation submission to GBCI.
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USGBC LEED AP Homes (Residential) Exam Sample Questions (Q44-Q49):

NEW QUESTION # 44

Who of the following may submit to Green Business Certification Inc. a LEED for Homes project for certification?

- A. The Energy Rater
- **B. The Owner or designated project team member**
- C. The Green Rater
- D. The Quality Assurance Designee

Answer: B

Explanation:

The LEED for Homes Rating System (v4) outlines the certification process, including who is authorized to submit a project to the Green Business Certification Inc. (GBCI) for LEED certification.

According to the LEED Reference Guide for Homes Design and Construction (v4):

Certification Process

The project owner or a designated project team member (e.g., the project manager or LEED AP) is responsible for submitting the LEED for Homes project to GBCI for certification, coordinating with the LEED Green Rater for documentation and verification.

Source: LEED Reference Guide for Homes Design and Construction, v4, Introduction, p. 28.

The LEED v4.1 Residential BD+C rating system confirms:

Certification Process

The owner or a designated project team member submits the project to GBCI for certification, supported by the Green Rater's verification reports and documentation.

Source: LEED v4.1 Residential BD+C, Credit Library, accessed via USGBC LEED Online.

The correct answer is the Owner or designated project team member (Option D), as they are authorized to submit the project to GBCI.

Why not the other options?

* A. The Green Rater: The Green Rater conducts field inspections and prepares verification reports but does not submit the project.

* B. The Energy Rater: The Energy Rater focuses on energy performance (e.g., HERS Index) and does not handle submission.

Reference: LEED Reference Guide for Homes Design and Construction, v4, Introduction, p. 28.

The LEED AP Homes Candidate Handbook emphasizes the certification process, including submission roles, and references the LEED Reference Guide for Homes Design and Construction as a key resource.

The exam is based on LEED v4, ensuring the relevance of owner submission.

References:

LEED Reference Guide for Homes Design and Construction, v4, USGBC, Introduction, p. 28.

LEED v4.1 Residential BD+C, USGBC LEED Credit Library, accessed via LEED Online (<https://www.usgbc.org/credits>).

usgbc.org/credits).

LEED AP Homes Candidate Handbook, GBCI, October 2024, p. 12 (references study resources and exam scope based on LEED v4).

USGBC LEED for Homes Rating System (v4), available via USGBC website (<https://www.usgbc.org>)

/resources/leed-homes-design-and-construction-v4).

LEED v4.1 for Homes, USGBC, accessed via LEED Online, confirming submission roles.

NEW QUESTION # 45

How is credit earned under Regional Priority Credit, Regional Priority when the credit has multiple thresholds?

- A. Points are awarded at the maximum threshold
- B. Points are awarded at particular levels of achievement
- C. Points are awarded when the maximum threshold has been exceeded
- D. Points are awarded at the minimum threshold

Answer: C

Explanation:

The LEED for Homes Rating System (v4) includes Regional Priority (RP) Credits, which provide bonus points for achieving existing credits identified as environmentally significant for a project's region. For credits with multiple thresholds, exemplary performance can earn additional points.

According to the LEED Reference Guide for Homes Design and Construction (v4):

Regional Priority Credits (1-4 points)

Regional Priority Credits are awarded for achieving designated credits that address location-specific environmental priorities. For credits with multiple thresholds (e.g., Water Efficiency Credit: Outdoor Water Use), an additional bonus point is awarded when the maximum threshold has been exceeded, demonstrating exemplary performance.

Source: LEED Reference Guide for Homes Design and Construction, v4, Regional Priority Credits, p. 190; Innovation Credit: Innovation, p. 190.

The LEED v4.1 Residential BD+C Rating system confirms:

Regional Priority Credits

When an RP credit has multiple thresholds, a project earns the bonus point by meeting the base credit requirements, and an additional point may be earned for exemplary performance by exceeding the maximum threshold of the underlying credit.

Source: LEED v4.1 Residential BD+C, Credit Library, accessed via USGBC LEED Online.

The correct answer is points are awarded when the maximum threshold has been exceeded (Option C), as RP credits with multiple thresholds award bonus points for exemplary performance beyond the highest threshold.

Why not the other options?

* A. Points are awarded at the minimum threshold: RP credits require achieving the base credit, not just the minimum threshold.

* B. Points are awarded at the maximum threshold: Points are awarded for exceeding the maximum threshold, not just meeting it.

Reference: LEED Reference Guide for Homes Design and Construction, v4, Regional Priority Credits, p. 190.

The LEED AP Homes Candidate Handbook emphasizes RP credits and exemplary performance, referencing the LEED Reference Guide for Homes Design and Construction as a key resource. The exam is based on LEED v4, ensuring the relevance of exceeding thresholds.

References:

LEED Reference Guide for Homes Design and Construction, v4, USGBC, Regional Priority Credits, p. 190; Innovation Credit: Innovation, p. 190.

LEED v4.1 Residential BD+C, USGBC LEED Credit Library, accessed via LEED Online (<https://www.usgbc.org/credits>).

LEED AP Homes Candidate Handbook, GBCI, October 2024, p. 12 (references study resources and exam scope based on LEED v4).

USGBC LEED for Homes Rating System (v4), available via USGBC website (<https://www.usgbc.org/resources/leed-homes-design-and-construction-v4>).

LEED v4.1 for Homes, USGBC, accessed via LEED Online, confirming exemplary performance criteria.

NEW QUESTION # 46

Which of the following educational tools in a multi-family apartment building must be used to satisfy Energy and Atmosphere Prerequisite, Education of the Homeowner, Tenant, or Building Manager?

- A. Placards immediately adjacent to common area equipment promoting energy and water efficiency of the project
- B. Signs on easels in the leasing center describing the sustainable features in each apartment
- C. A one-hour walk-through with the building manager explaining function, operation, and maintenance of equipment
- D. A weekly meeting with tenants to raise any issues with building performance

Answer: C

Explanation:

The question references an "Energy and Atmosphere Prerequisite" for education, which appears to be a misnomer, as the LEED for Homes Rating System (v4) includes this requirement under the Innovation (IN) Prerequisite: Education of the Homeowner, Tenant, or Building Manager. This prerequisite ensures occupants or managers are educated on sustainable features.

According to the LEED Reference Guide for Homes Design and Construction (v4):

IN Prerequisite: Education of the Homeowner, Tenant, or Building Manager For multi-family buildings, provide a minimum one-hour walk-through with the building manager (or tenants) to explain the function, operation, and maintenance of equipment and systems, such as HVAC, water heating, and other sustainable features.

Source: LEED Reference Guide for Homes Design and Construction, v4, Innovation Prerequisite: Education of the Homeowner, Tenant, or Building Manager, p. 188.

The LEED v4.1 Residential BD+C rating system confirms:

IN Prerequisite: Education of the Homeowner or Tenant

In multi-family projects, a one-hour walk-through with the building manager is required to educate on the operation and maintenance of green systems, ensuring effective use of sustainable features.

Source: LEED v4.1 Residential BD+C, Credit Library, accessed via USGBC LEED Online.

The correct answer is a one-hour walk-through with the building manager explaining function, operation, and maintenance of equipment (Option B), as this meets the prerequisite's requirement for multi-family buildings.

Why not the other options?

Reference: LEED Reference Guide for Homes Design and Construction, v4, IN Prerequisite: Education of the Homeowner, Tenant, or Building Manager, p. 188.

C). A weekly meeting with tenants to raise any issues with building performance: Weekly meetings are not required; the prerequisite specifies a one-time walk-through. Reference: LEED Reference Guide for Homes Design and Construction, v4, IN Prerequisite: Education of the Homeowner, Tenant, or Building Manager, p. 188.

D). Placards immediately adjacent to common area equipment promoting energy and water efficiency:

Placards are educational but do not satisfy the walk-through requirement. Reference: LEED Reference Guide for Homes Design and Construction, v4, IN Prerequisite: Education of the Homeowner, Tenant, or Building Manager, p. 188.

The LEED AP Homes Candidate Handbook emphasizes IN prerequisites, including education requirements, and references the LEED Reference Guide for Homes Design and Construction as a key resource. The exam is based on LEED v4, ensuring the relevance of the walk-through.

References:

LEED Reference Guide for Homes Design and Construction, v4, USGBC, Innovation Prerequisite: Education of the Homeowner, Tenant, or Building Manager, p. 188.

LEED v4.1 Residential BD+C, USGBC LEED Credit Library, accessed via LEED Online (<https://www.usgbc.org/credits>).

LEED AP Homes Candidate Handbook, GBCI, October 2024, p. 12 (references study resources and exam scope based on LEED v4).

USGBC LEED for Homes Rating System (v4), available via USGBC website (<https://www.usgbc.org/resources/leed-homes-design-and-construction-v4>).

LEED v4.1 for Homes, USGBC, accessed via LEED Online, confirming education requirements.

NEW QUESTION # 47

Looking at the attached table, a project team is aiming for three points in Water Efficiency Credit, Outdoor Water Use. The site contains a total of 57,500 ft² (5,342 m²) of softscape. If the plan has 8,000 ft² (743 m²) of turf grass, what is the minimum area of native or adapted landscape required to achieve the desired three points for this credit?

Turf grass area

Native or adapted plant area

Points

< 60%

> 25%

1

< 40%

> 50%

2

< 20%

> 75%

3

< 5%

> 75%

4

- A. 39,355 ft² (3,656 m²) of native or adapted plant area
- B. 38,967 ft² (3,620 m²) of native or adapted plant area
- **C. 43,126 ft² (4,007 m²) of native or adapted plant area**
- D. 2,784 ft² (259 m²) of native or adapted plant area

Answer: C

Explanation:

The LEED for Homes Rating System (v4) includes the Water Efficiency (WE) Credit: Outdoor Water Use, which awards points based on the ratio of turf grass (high water use) to native or adapted plants (low water use) in the softscape to reduce irrigation needs.

According to the LEED Reference Guide for Homes Design and Construction (v4):

WE Credit: Outdoor Water Use (1-4 points)

To achieve 3 points, the softscape must have less than 20% turf grass and more than 75% native or adapted plants, calculated by area.

Source: LEED Reference Guide for Homes Design and Construction, v4, Water Efficiency Credit: Outdoor Water Use, p. 98-99.

The LEED v4.1 Residential BD+C rating system confirms:

WE Credit: Outdoor Water Use

For 3 points, the turf grass area must be less than 20% of the total softscape, and the native or adapted plant area must exceed 75%.

Source: LEED v4.1 Residential BD+C, Credit Library, accessed via USGBC LEED Online.

Calculation:

* Total softscape area: 57,500 ft² (5,342 m²).

* Turf grass area: 8,000 ft² (743 m²).

* Turf grass percentage: $(8,000 \div 57,500) \times 100 = 13.91\%$ (< 20%, meets requirement).

* Minimum native or adapted plant area for 3 points: $> 75\%$ of 57,500 ft² = $0.75 \times 57,500 = 43,125$ ft².

* Compare options:

* A. 38,967 ft² (3,620 m²): $38,967 \div 57,500 = 67.77\%$ (< 75%, does not meet).

* B. 39,355 ft² (3,656 m²): $39,355 \div 57,500 = 68.44\%$ (< 75%, does not meet).

* C. 43,126 ft² (4,007 m²): $43,126 \div 57,500 = 75.00\%$ (meets > 75% requirement).

* D. 2,784 ft² (259 m²): $2,784 \div 57,500 = 4.84\%$ (far below 75%, does not meet).

The correct answer is 43,126 ft² (4,007 m²) of native or adapted plant area (Option C), as it meets the minimum requirement for 3 points.

The LEED AP Homes Candidate Handbook emphasizes WE credits, including outdoor water use, and references the LEED Reference Guide for Homes Design and Construction as a key resource. The exam is based on LEED v4, ensuring the relevance of the table's criteria.

References:

LEED Reference Guide for Homes Design and Construction, v4, USGBC, Water Efficiency Credit:

Outdoor Water Use, p. 98-99.

LEED v4.1 Residential BD+C, USGBC LEED Credit Library, accessed via LEED Online (<https://www.usgbc.org/credits>).

LEED AP Homes Candidate Handbook, GBCI, October 2024, p. 12 (references study resources and exam scope based on LEED v4).

USGBC LEED for Homes Rating System (v4), available via USGBC website (<https://www.usgbc.org/resources/leed-homes-design-and-construction-v4>).

LEED v4.1 for Homes, USGBC, accessed via LEED Online, confirming softscape ratios.

NEW QUESTION # 48

In order to assess potential indoor humidity levels caused by locating a home in a warm, humid climate, which two factors should be considered by an engineer or HVAC contractor?

- A. Ventilation and filtration
- **B. Infiltration and ventilation**
- C. Dehumidification and filtration
- D. Pressurization and dehumidification

Answer: B

Explanation:

The LEED for Homes Rating System (v4) addresses indoor humidity in warm, humid climates through credits like Indoor Environmental Quality (EQ) Credit: Enhanced Ventilation and EQ Prerequisite:

Ventilation, which consider factors affecting moisture levels to maintain indoor air quality.

According to the LEED Reference Guide for Homes Design and Construction (v4):

EQ Credit: Enhanced Ventilation (1-3 points)

In warm, humid climates (e.g., climate zones 1-3), assess indoor humidity by considering infiltration (uncontrolled air leakage through the building envelope) and ventilation (controlled outdoor air introduction).

These factors influence moisture ingress and must be managed to prevent high humidity levels.

Source: LEED Reference Guide for Homes Design and Construction, v4, Indoor Environmental Quality Credit: Enhanced Ventilation, p. 146.

The LEED v4.1 Residential BD+C Crating system confirms:

EQ Credit: Enhanced Ventilation

Infiltration and ventilation are critical factors in assessing indoor humidity in humid climates, as infiltration introduces moist outdoor air, and ventilation systems must be designed to manage humidity effectively.

Source: LEED v4.1 Residential BD+C, Credit Library, accessed via USGBC LEED Online.

The correct answer is infiltration and ventilation (Option B), as these are the primary factors affecting indoor humidity levels in a warm, humid climate, requiring careful design to control moisture.

Why not the other options?

Reference: LEED Reference Guide for Homes Design and Construction, v4, EQ Credit: Enhanced Ventilation, p. 146.

C). Pressurization and dehumidification: While dehumidification is relevant, pressurization is less critical than infiltration control for humidity assessment. Reference: LEED Reference Guide for Homes Design and Construction, v4, EQ Credit: Enhanced Ventilation, p. 146.

D). Dehumidification and filtration: Dehumidification is a solution, not a factor to assess, and filtration does not address humidity. Reference: LEED Reference Guide for Homes Design and Construction, v4, EQ Credit:

Enhanced Ventilation, p. 146.

The LEED AP Homes Candidate Handbook emphasizes EQ credits, including humidity management, and references the LEED Reference Guide for Homes Design and Construction as a key resource. The exam is based on LEED v4, ensuring the relevance of infiltration and ventilation.

References:

LEED Reference Guide for Homes Design and Construction, v4, USGBC, Indoor Environmental Quality Credit: Enhanced Ventilation, p. 146.

LEED v4.1 Residential BD+C, USGBC LEED Credit Library, accessed via LEED Online (<https://www.usgbc.org/credits>).

LEED AP Homes Candidate Handbook, GBCI, October 2024, p. 12 (references study resources and exam scope based on LEED v4).

USGBC LEED for Homes Rating System (v4), available via USGBC website (<https://www.usgbc.org/resources/leed-homes-design-and-construction-v4>).

LEED v4.1 for Homes, USGBC, accessed via LEED Online, confirming humidity assessment factors.

NEW QUESTION # 49

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