



USGBC Education Programs

www.greenbuild365.org

The following program descriptions are intended solely for chapter planning purposes. Release dates, titles and other details are subject to change.

USGBC's holistic, integrated family of educational offerings offers you a structured pathway for pursuit of the LEED® knowledge you need. Whether you are a building owner wanting to understand the basics of greening your existing building, an architect wishing to implement specific LEED strategies on a particular building type, or someone seeking LEED professional credentials – USGBC's education programs offer you the knowledge you need in the format that's right for you.

EDUCATION LEVELS

100 Level: Awareness - Designed for individuals who have limited or no prior knowledge of green building principles.

200 Level: Understanding - Designed for individuals who are familiar with the LEED Green Building Rating System™ and green building principles.

300 Level: Implementation - Designed for individuals who are implementing and applying the LEED Rating System.

DELIVERY FORMATS & REGISTRATION FEES

Instructor-led Workshops

Each USGBC workshop delivers the most current information on the LEED Rating System – from its source – using real project case examples and implementation strategies. All workshops are delivered by highly skilled LEED Faculty members who have completed a rigorous training program and are both subject matter experts and experienced instructors and facilitators. Workshops prepare attendees to successfully implement LEED on projects, as well as to **prepare for any of the LEED credentials** offered through the [Green Building Certification Institute](http://www.gbc.org) (GBCI) by including discounts on new examination preparation resources for all education program participants. Programs are registered for **continuing education credits** with organizations appropriate to the topics covered. Credits may be earned for: AIA/CES, CSI, IDCEC (ASID/IIDA), BOMI, CoreNet Global, RCEPP and IFMA and others, as appropriate.

Half Day Workshops - 4 hours (Maximum/minimum attendance: 100/40)

Registration Fees:

Early: \$175 USGBC National member; \$225 Non-member

Late: \$205 USGBC National member; \$275 Non-member

Continuing education hours: 3.5

Full Day Workshops - 8 hours (Maximum/minimum attendance: 80/25)

Registration Fees:

Early: \$345 USGBC National member; \$445 Non-member

Late: \$375 USGBC National member; \$495 Non-member

Continuing education hours: 7

LEED for Homes Program Review Only (Maximum/minimum attendance: 80/25)

Full Day Workshop, 8 hours

Registration Fees:

Early: \$225 USGBC National member; \$275 Non-member

Late: \$255 USGBC National member; \$325 Non-member

Continuing education hours: 7

Online Anytime Programs

Convenient and self-paced, USGBC's online education programs include 100- and 200-level offerings. Learn from the comfort of your office – a low-carbon alternative. See individual pricing in program listings below.

Continuing education hours: *Varies by topic*

Webinar Programs – 90 minutes per event

Hear the latest news about LEED and related green building issues from the experts and ask questions in real time – or, catch recorded versions on demand. USGBC’s webinars showcase lessons learned on real projects, delivered by the subject matter experts themselves. Focused topics address a variety of audiences for green building education. Offered as individual events or a series.

Registration Fees: Prices vary, but are typically \$60 USGBC National member; \$80 non-member. Series discounts available.

Continuing education hours: Typically 1 credit hour per 90-minute session, but varies by program.

LEED EXAMINATION PREPARATION AND SUPPORT

LEED Credential Practice Exams and Study Guides *New! Planned for late 1st quarter 2009*

Test your knowledge on simulated questions, become familiar with the exam platform, and identify areas to focus your study and help you succeed the first time. Versions available for each LEED credential track. *Discounted for all participants of other USGBC education programs.*

LEED Credential Examination Preparation & Strategies for Success (Online Anytime) *New! Planned for late 1st quarter 2009*

This online course will help you understand GBCI, the LEED exam tracks, and knowledge areas for exam content, structure and format. It will also provide methods and resources for preparation to help focus your studies. Practice exams included with this course.

100-LEVEL PROGRAMS

Green Building Basics and LEED (Instructor-led Half Day; Online Anytime) *New! Available now*

For those new to green building, this workshop offers an introduction to USGBC, green building principles and the fundamentals of the LEED Rating System. It includes topics on climate change and building impacts; motivators for green building; and conventional versus integrative approaches – and the associated benefits – to building design, construction and operations. This is the first step in building your knowledge of USGBC, LEED and green building best practices and is a recommended prerequisite for any 200- or 300-level LEED education program.

Introduction to LEED for Schools (Online Anytime)

This program provides basic awareness of green schools, USGBC and the LEED for Schools Rating System. Topics include cost and return on investment of LEED for Schools projects; community benefits and outreach; and productivity and health benefits. Also covered are the importance of the integrative design process and basics on funding issues such as sources; bonds and tax issues; and decision makers to influence. *Registration fee: Free.*

Introduction to LEED for Homes (Online Anytime)

This program offers an introduction to green home building and the LEED for Homes program, including key green home features, related benefits and basic steps required for LEED for Homes certification. It concludes with a summary of the lessons learned in the LEED for Homes Pilot Program. *Registration fee: \$25.*

200-LEVEL PROGRAMS

Basic awareness of USGBC and LEED highly recommended prior to participating in any 200-level course.

LEED Core Concepts & Strategies (Instructor-led Full Day; Online Anytime) *New! – Instructor-led available now; Online planned for 1st quarter 2009*

This workshop provides essential knowledge of the LEED Rating Systems and sustainable building concepts for those seeking a better understanding of LEED or pursuing GBCI's LEED Green Associate (Tier I) credential. By presenting LEED concepts at the credit category level – across building types and rating systems – and basics on the building certification process, this workshop provides the foundation required for any 300-level LEED education offering. Real project examples help demonstrate and reinforce learning. *Recommended Prior Knowledge: Familiarity with USGBC and LEED, or USGBC's "Green Building Basics and LEED" instructor-led workshop or online program.*

Essentials of LEED Professional Accreditation (Online Anytime) *Retiring end of 1st quarter 2009*

Developed in partnership with Turner Construction, this online course covers how to successfully manage the project certification process using LEED for New Construction Version 2.2. Learn practical tips for using the rating system, interpreting LEED credits and coordinating LEED projects. The course also includes learning exercises and sample LEED

professional accreditation exam test questions. *Registration fee: \$150 for USGBC National members; \$200 for non-members.*

LEED for General Contractors / Construction Managers (Instructor-led Half Day)

This workshop helps general contractors and construction managers understand LEED as it relates to their project role, with a focus on technical requirements (particularly materials and resources, and indoor environmental quality LEED credits). It also includes strategies for general contractor and subcontractor documentation and cost tracking.

Recommended Prior Knowledge: Familiarity with USGBC and LEED, or USGBC's "Green Building Basics and LEED" instructor-led workshop or online program.

LEED for Homes Program Review (Instructor-led Full Day)

This workshop provides participants with an understanding of how the LEED for Homes program works, covering elements of the Rating System; green design and construction practices; LEED certification and verification procedures; and benefits and costs of LEED homes. *Recommended Prior Knowledge: Familiarity with USGBC and LEED for Homes Rating System, or USGBC's "Introduction to Homes" online course.*

Webinar Programs

USGBC webinars are an ideal format for getting the most current information about LEED – in real time and directly from experts and project teams who have been directly involved in successful LEED projects. The 2009 webinar line-up includes: State and Local Governments (series); LEED for Schools; REGREEN: Green Residential Remodeling; Corporate Real Estate and LEED; Commercial Brokers and Marketing LEED Projects; Higher Education: Green Campuses; and more. *Recommended Prior Knowledge: Understanding of the LEED Rating System.*

300-LEVEL PROGRAMS

An understanding of USGBC and the LEED Rating System required prior to participating in any 300-level program because basics will not be covered and are necessary to get the most out of these programs. In some instances, pre-session work may be assigned to participants to prepare them for the workshop.

Commercial Programs

NEW CONSTRUCTION

LEED for New Construction and Major Renovations Technical Review *Retiring 2nd quarter 2009*

This 300-level course is designed for those who have a basic knowledge of LEED and want to delve deeper into the technical requirements of the rating system, the building certification process and other implementation strategies. It focuses on LEED for New Construction v2.2, providing the most comprehensive review available by using case studies, project profiles and interactive exercises. Although it offers an overview of the building certification process, as well as a brief exam review, taking the course does not guarantee a passing score on the LEED Professional Accreditation Exam. Please see the LEED Accredited Professional Candidate Handbook for details on the exam.

Green Building Design & Construction: The LEED Implementation Process (Instructor-led Full Day) *New! – Planned for 2nd quarter 2009*

This workshop is ideal for design and construction professionals involved in implementing LEED on commercial new construction projects or pursuing GBCI's LEED AP+ (Tier II) credential in commercial building design and construction. It walks through the phases of a typical project, using case examples and implementation strategies throughout to reinforce learning and encourage students to apply knowledge to real-life situations. Practice test and exam preparation resources are available at a discount for workshop participants pursuing the LEED credential. *Prior Knowledge: Familiarity with both the LEED Rating System and "LEED Reference Guide for Green Building Design and Construction, 2009 Edition" (available January 2009) a must. USGBC's "LEED Core Concepts & Strategies" strongly recommended.*

Managing LEED Documentation & the Certification Process: Commercial Design & Construction (Instructor-led Half Day)

This workshop is designed for LEED project team members who are managing the LEED certification process for commercial design and construction projects, including LEED for New Construction, Core & Shell, Schools and Commercial Interiors - as well as those seeking GBCI's Tier II LEED credential for Commercial Design and Construction. Participants learn how to navigate the certification process, effective documentation management practices, and tips on avoiding common documentation mistakes. They also receive detailed instruction on using LEED-Online tools. *Prior Knowledge: Understanding of LEED a must. USGBC's "LEED Core Concepts & Strategies" and "Green Building Design and Construction: The LEED Implementation Process" strongly recommended.*

EXISTING BUILDINGS: OPERATIONS & MAINTENANCE

Green Building Operations & Maintenance: The LEED Implementation Process (Instructor-led Full Day) *New! – Available now*

This workshop is intended for building owners, operators and maintenance professionals involved in implementing LEED for Existing Buildings: Operations & Maintenance or pursuing GBCI's LEED AP+ (Tier II) credential in commercial operations and maintenance. It walks through the phases of a typical project, using case examples and implementation strategies throughout to reinforce learning and encourage students to apply knowledge to real-life situations. Practice test and exam preparation resources are available at a discount for workshop participants pursuing the LEED credential. *Prior Knowledge: Familiarity with both the LEED Rating System and "LEED Reference Guide for Green Building Operations and Maintenance, 2009 Edition" (available January 2009) a must. USGBC's "LEED Core Concepts & Strategies" strongly recommended.*

COMMERCIAL INTERIORS

LEED for Commercial Interiors Technical Review *Retiring 2nd quarter 2009*

This 300-level workshop is ideal for building tenants and designers interested in the basic principles of sustainability as they relate to tenant improvement projects, and in learning the standards for what constitutes a green interior. The program addresses technologies and strategies for achieving LEED credits to optimize the performance of leased spaces. Although it provides an overview of the building certification process, taking this course does not guarantee a passing score on the LEED Professional Accreditation Exam. Please see the LEED Accredited Professional Candidate Handbook for details on the exam and sample questions.

Green Interior Design & Construction: The LEED Implementation Process (Instructor-led Full Day) *New! – Planned for 2nd quarter 2009*

This workshop is intended for design professionals involved in implementing the LEED for Commercial Interiors Rating System or pursuing GBCI's LEED AP+ (Tier II) credential in commercial interiors. It walks through the phases of a typical project, using case examples and implementation strategies throughout to reinforce learning and encourage students to apply knowledge to real-life situations. Practice test and exam preparation resources are available at a discount for workshop participants pursuing the LEED credential. *Prior Knowledge: Familiarity with both the LEED Rating System and "Reference Guide for Green Interior Design and Construction, 2009 Edition" (available January 2009) a must. USGBC's "LEED Core Concepts & Strategies" strongly recommended.*

RESIDENTIAL

Green Home Design & Construction: The LEED Implementation Process (Instructor- led Full Day) *New! – Planned for 1st quarter 2009*

This workshop is intended for residential design and construction professionals involved in implementing the LEED for Homes Rating System, as well as those pursuing GBCI's LEED AP+ (Tier II) credential in residential design and construction. It walks through the phases of a typical project, using case examples and implementation strategies throughout to reinforce learning and encourage students to apply knowledge to real-life situations. Practice test and exam preparation resources are available at a discount for workshop participants pursuing the LEED credential. *Prior Knowledge: Familiarity with both the LEED Rating System and "LEED for Homes Reference Guide v2008" a must. USGBC's "LEED Core Concepts & Strategies" and "Introduction to LEED for Homes" online course and on-demand webinars strongly recommended.*

NON LEED RATING-SYSTEM-SPECIFIC TOPICS

REGREEN: Implementing Green Residential Remodeling Strategies (Instructor-led Full Day) *New! – Planned for 2nd quarter 2009*

REGREEN, a partnership between USGBC and the American Society of Interior Designers (ASID), is a residential remodeling program that offers guidelines to green strategies. This workshop is intended for design, construction and interior design professionals who work on residential remodeling projects, from gut rehab to smaller renovations. Workshop participants will learn how to implement green remodeling strategies and to effectively use a whole-house systems approach on a variety of residential projects. The workshop emphasizes the value of an integrated team of industry professionals that can ensure successful outcomes. *Prior Knowledge: Familiarity with the REGREEN Residential Remodeling Guidelines (available free online at www.regreenprogram.org) a must.*

Using Energy Modeling on LEED Projects (Instructor-led Half Day)

This workshop is intended for design professionals implementing LEED, applying energy modeling protocol and using ASHRAE Standard 90.1 for LEED Energy & Atmosphere credit compliance on projects. The course describes necessary documentation, clarifies the process and provides tips for avoiding common mistakes. *Prior knowledge: Familiarity with LEED Rating System a must. USGBC's "Green Building Basics and LEED" and "LEED Core Concepts & Strategies" strongly recommended.*

Understanding LEED Project Costs & Returns (Instructor-led Half Day)

This course is designed to help those working on a LEED project team learn how to handle cost issues to build more environmentally and economically sound projects. Information on construction and life-cycle costs are introduced – grounded in LEED certified project case studies and current research data. The course also provides tools to calculate and evaluate the costs and benefits of LEED certification, as well as strategies to maximize resource selections. *Prior knowledge: Familiarity with LEED Rating System a must. USGBC's "Green Building Basics and LEED" and "LEED Core Concepts & Strategies" strongly recommended.*