



USGBC Education Programs

<http://www.usgbc.org/Workshops/Workshoptlist.aspx>

Education Levels

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

200 Level: Understanding - Courses are designed for individuals familiar with the LEED Rating System and green building principles.

300 Level: Application & Implementation - Courses are designed for individuals who are implementing and applying the LEED Rating System.

Full-Day Education Programs

Each of these intensive programs delivers an in-depth review of the technical requirements of the LEED rating system and the tools and information needed to incorporate green building practices into a project. Courses provide case studies on successful strategies for earning LEED credits and achieving project certification. Our Educational workshops provide attendees with an understanding of how LEED is being used nationally to define various levels of green project design and are recommended for those working on a project or who may want to become a LEED Accredited Professional through the Green Building Certification Institute. (www.gbci.org) For more information about Greenbuild, our International Conference and Expo, please visit www.greenbuildexpo.org

Duration: 8 hours (full-day)

Maximum Attendance: 80

Minimum Attendance: 25

Registration Fee:

Early Registration Fees: \$345 National Member and \$445 Non-Member

Late Registration Fees: \$375 National Member and \$495 Non-Member

(Excluding the LEED for Homes Program Review Workshop)

Continuing Education Credits: USGBC is a registered educational program provider for AIA/CES, CSI, IDCEC (ASID/IIDA), BOMI, CoreNet Global, RCEPP and IFMA. Earn up to 7 credits for attending a full-day educational session.

LEED for New Construction and Major Renovations Technical Review (Retiring end of 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, the building certification process and other implementation strategies. Using case studies and project profiles and interactive exercises, this is the most comprehensive review of LEED for New Construction v2.2 available. Although it will provide an overview of the building certification process, as well as a brief exam review, 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.

LEED for Commercial Interiors Technical Review (Retiring end of 2nd quarter 2009)

This 300 level course is 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 will address technologies and strategies for achieving LEED credits to optimize the performance of leased spaces. Although it will provide an overview of the building certification process, 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 and sample questions.

LEED for Existing Buildings Technical Review (Retiring end of 2008)

This 300 level course is for building owners, facility managers and design teams seeking to advance existing buildings to a sustainable level of operation. Topics covered include facilities upgrades, reducing building operating costs, solving building operation problems, improving indoor environment, and supporting higher productivity of building occupants. This course details the LEED for Existing Buildings v2.0 rating system, with highlights of the new LEED for Existing Buildings: Operations & Maintenance rating system included. Although it will provide an overview of the building certification process, 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 and sample questions.

LEED 2009: Credit Categories and Intents (New! – Debuting at Greenbuild 2008)

This 200 level course is designed for those who want a better understanding of the specific LEED credit categories, but may not be directly involved in implementing LEED on a project. This course covers each category, its intent, and uses examples of successful strategies from real projects, but without specifics on building certification process. Prior knowledge of LEED is recommended. Consider USGBC's "Green Building Basics and LEED" as a prerequisite.

LEED Implementation for Building Operations and Maintenance (New! – Debuting at Greenbuild 2008)

This 300 level course is designed for building operations and maintenance professionals involved in implementing LEED v2009: Existing Building Operations & Maintenance. Includes successful LEED project strategies in each credit category and specific information on credit weightings and points structure of this new version of LEED and LEED online to help navigate the process toward certification. Prior knowledge of LEED a must for all 300 level programs. USGBC's "Green Building Basics and LEED" and "LEED v2009: Credit Categories and Intents" are strongly recommended as prerequisites.

LEED 2009 Schools Technical Review

This 300 level course is designed to provide a complete review of the LEED® for Schools Rating System™ and how to apply it on school projects including the tools and insights needed to incorporate green building practices into projects. Case studies of certified school projects illustrate successful strategies and practices for improving school design and performance. Prior knowledge of LEED a must for all 300 level programs. USGBC's "Green Building Basics and LEED" and "Introduction to Schools" online courses are strongly recommended as prerequisites.

Integrative Approach to Successful LEED Projects

This 300 level course is designed for all building industry professionals who want to understand how an integrated approach on projects will neutralize first costs, improve building performance, and reduce operations impacts. Includes a mock LEED design Charrette exercise and invaluable insights into this important aspect of green building best practices. Prior knowledge of LEED a must for all 300 level programs. Consider "Green Building Basics and LEED" online course and "LEED v2009: Credit Categories and Intents" as prerequisite.

LEED for Homes Program Review

This 200 level course is designed to provide key concepts needed for successful participation in the LEED for Homes program including a review of the Rating System, green design and construction practices, certification and verification procedures, benefits and costs of LEED Homes. Completion of the "Introduction to Homes" online course highly recommended as a prerequisite.

LEED for Homes Registration Fee:

Early Registration Fees: \$225 National Member and \$275 Non-Member

Late Registration Fees: \$255 National Member and \$325 Non-Member

Half-Day Education Programs

These sessions address the broad needs of LEED users by exploring topics specific to individual building types or areas of professional practice as well as critical market issues, such as the economics of LEED certified projects. Sessions include case studies, lessons learned, and practical strategies for implementation.

Duration: 4 hours (half-day)

Maximum Attendance: 100

Minimum Attendance: 40

Registration Cost:

Early Registration Fees: \$175 National Member and \$225 Non-Member

Late Registration Fees: \$205 National Member and \$275 Non-Member

Continuing Education Credits: USGBC is a registered educational program provider for AIA/CES, CSI, IDCEC (ASID/IIDA), BOMI, CoreNet Global, RCEPP and IFMA. Earn up to 3.5 credits for attending a half-day educational session.

Green Building Basics and LEED (New!)

This 100 level instructor-led course is designed as an introduction to USGBC, green building principles, and the fundamentals of the LEED® Rating System.™ Topics covered include climate change and building impacts, motivators

for green building, conventional vs. integrated approaches to building design, construction and operations and the associated benefits. Consider this as a prerequisite for any 200 or 300 level LEED education program.

Managing LEED Documentation

This 300 level course is designed for design, construction, and operations professionals who want to build on their existing knowledge of LEED with in-depth instruction on the LEED submittals, how to manage documentation and using LEED Online. Prior knowledge of LEED a must for all 300 level programs. Consider "Green Building Basics and LEED" and "LEED v2009: Credit Categories and Intents" as prerequisite.

LEED for General Contractors/Construction Managers

This 200 level program will help general contractors and construction managers understand LEED as it relates to their project role, with a focus on technical requirements (particularly materials, resources, and indoor environmental quality credits). The course includes strategies for general contractor and subcontractor documentation and cost tracking.

Using Energy Modeling on LEED Projects

This 300 level course is designed for those implementing LEED and applying energy modeling protocol and the use of ASHRAE Standard 90.1 for LEED Energy and Atmosphere credit compliance. The course clarifies the process, helps avoid common mistakes, and describes the documentation necessary. Prior knowledge of LEED a must for all 300 level programs. Consider "Green Building Basics and LEED" and "LEED v2009: Credit Categories and Intents" as prerequisite.

LEED Charrette Facilitation (Retiring end of 2008)

This 200 level "train the trainer" program provides a step-by-step guide developed from the best tools and resources for conducting a successful LEED charrette. Learn to implement the collaborative approach necessary to create realistic and achievable design ideas that work in a charrette session. Facilitation strategies, brainstorming, and simulation activities reinforce the learning experience.

Understanding LEED Project Costs & Returns

This 300 level 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 using 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 and strategies to maximize resource selections. Prior knowledge of LEED a must for all 300 level programs. USGBC's "Green Building Basics and LEED" and "LEED v2009: Credit Categories and Intents" are strongly recommended as prerequisite.

Online Education Programs

Essentials of LEED Professional Accreditation (Retiring end of 2nd quarter 2009)

This 200 level online course, developed in partnership with Turner Construction, covers how to successfully manage the project certification process using LEED for New Construction Version 2.2. You'll learn practical tips for using the rating system, interpreting LEED credits, and coordinating LEED projects. The course also includes learning exercises and sample LEED AP exam test questions. The registration fee is \$150 for members and \$200 for non-members. Attendees can receive continuing education credits for this course.

LEED 101: Green Building Basics

This 100 level course provides an introduction to the U.S. Green Building Council (USGBC) and the basics of green buildings. After an overview of the LEED Rating System, both what it is and how it works, a hypothetical LEED project illustrates the key concepts of integrated design. The course also describes some next steps you can take towards integrating green into your practice, including becoming a LEED Accredited Professional. The registration fee is \$25.

Introduction to LEED for Schools

In this 100 level online course, participants will understand USGBC and the LEED Rating Systems, and will be able to define green building. Participants learn about cost/return on investment of LEED for Schools projects, as well as the community benefits and outreach, and productivity and health benefits. Also covered are the integrated design process and its importance to the success of projects. Participants will gain knowledge of funding issues such as sources, bonds & tax issues, and decision makers to influence. This is a free course.

Introduction to LEED for Homes

This 100 level course provides an introduction to green home building, as defined by the LEED for Homes Program, an overview of the key features of a LEED home and the related benefits of these features. The course concludes with a summary of the lessons learned in the LEED for Homes Pilot Program, and the basic steps required to build a LEED home. The registration fee is \$25.

For more details about the online courses and an updated list of scheduled webinars, please visit <http://www.usgbc.org/DisplayPage.aspx?CMSPageID=283>.