



2012 Educational Programs & Events

*Workshops, lectures, building tours...
the exchange of information is a regular, ongoing feature
of USGBC - Missouri Gateway Chapter activities.*

MONTHLY EVENING PROGRAMS **Page 2**

Lectures, panel discussions, and building tours. Held on the second Tuesday of each month from 5:30 – 7:30pm. All programs are free to USGBC-Missouri Gateway Members and students; \$20 for non-members (except where noted). Event location varies. CEUs: All offer 1 AIA/CES CEH, 1 GBCI CE Hour, except where noted.

LUNCH 'N LEED **Pages 3 - 5**

Produced by USGBC National, these sustainable building design and LEED related webinars offer a wonderful opportunity to earn professional continuing education credits, including GBCI CE Hours. USGBC-Missouri Gateway Chapter will offer group viewings of multiple webinar series throughout the year at a deeply discounted rate compared with viewing these webinars from your personal computer. Save even more by purchasing a series or unlimited pass! Bring your lunch, carpool with a friend and join us! Each webinar is held from 12:00-1:30 pm. CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 GBCI CE Hours; many offer LEED Specific Hours.

LEED EXAM PREP **Page 6**

USGBC-Missouri Gateway's LEED Exam Prep courses are designed to prepare participants for the either the LEED Green Associate or the LEED AP BD+C Specialty exam. Skilled instructors discuss LEED Rating System categories, explore methods of sustainable project delivery and green building practices, and offer test taking tips. Courses are offered in either two, eight-hour days or four, four-hour evening (LEED AP BD+C only) formats for a total of 16 hours. CEUs: 15 AIA/CES CEH/HSW/SD / course.

IN-DEPTH SEMINARS **Page 7**

In-depth seminars offer extended consideration of topics our membership has expressed interest in. Ideal for individuals who are implementing and applying green building practices and principles. CEUs: Most offer 2 AIA/CES CEH, 2 GBCI CE Hours.

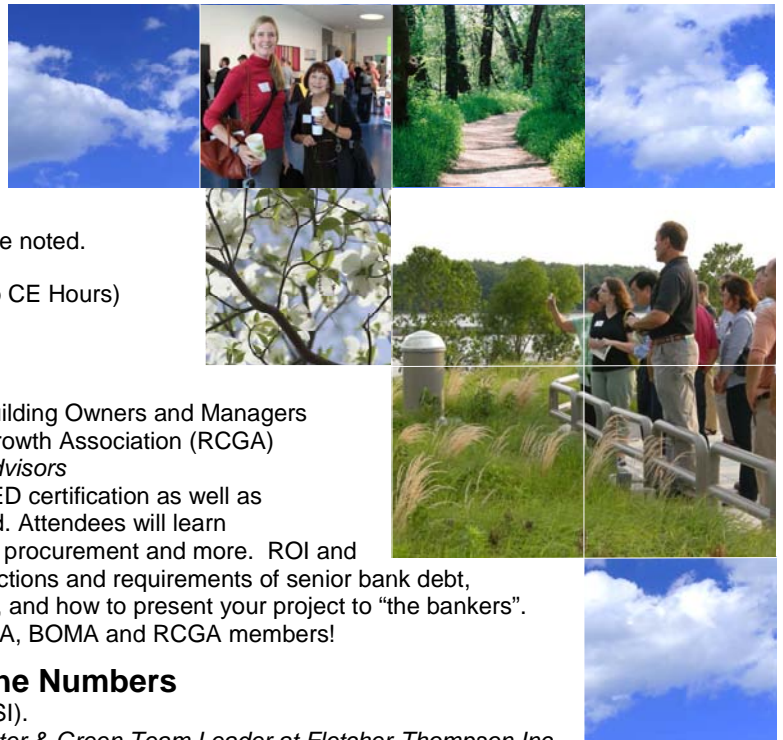
SPECIAL EVENTS & PARTNERED PROGRAMS **Pages 7 - 8**

Find information about USGBC-Missouri Gateway's annual Growing Green Awards, ECORIDE and Green Schools events, as well as a plethora of events produced in partnership with a variety of local organizations. CEUs: See individual listings.

U.S. Green Building Council - Missouri Gateway Chapter program topics and dates are subject to change. **For more information and to confirm schedule and fees for 2012 educational programs and events**, e-mail usgbc-mogateway@mobot.org or call (314) 577-0225. Event registration is available online at <http://www.usgbc-mogateway.org/events/>. Chapter and event sponsorship opportunities are available at <http://www.usgbc-mogateway.org/sponsorship/>. Chapter membership information is available at <http://www.usgbc-mogateway.org/membership/>. This document was last updated 2/14/12.

MONTHLY EVENING PROGRAMS

Free for USGBC-Missouri Gateway Members and Students; \$20 for Non-members, except where noted.
CEUs: All offer 1 AIA/CES CEH, 1 GBCI CE Hour except where noted.



January 10 - State of the Chapter & Social (No CE Hours)

February 14 - Quantifying Financial Benefits & Bankability of LEED Projects

In partnership with the Missouri Growth Association (MGA), Building Owners and Managers Association (BOMA) and the St. Louis Regional Chamber & Growth Association (RCGA)
Speakers: Marc Lopata, Microgrid and Rich Greene, Clarus Advisors
Presenters will discuss how to make the case for pursuing LEED certification as well as how to go about getting funding if LEED certification is pursued. Attendees will learn about the value of energy & water efficiency, indoor air quality, procurement and more. ROI and cost justification will be explored. Presenters will identify restrictions and requirements of senior bank debt, what banks will and will not finance and under what conditions, and how to present your project to "the bankers".
5:30-7:30pm at Alberici, 8800 Page Ave. (63114). Free for MGA, BOMA and RCGA members!

March 13 - Sustainable Specifications...by the Numbers

In partnership with the Construction Specifications Institute (CSI).
Speaker: Ross G. Spiegel, Associate, Senior Specification Writer & Green Team Leader at Fletcher-Thompson Inc.
The key to successfully incorporating LEED requirements into a project's contract documents is the preparation of the Division 01 General Requirements sections of the specifications. The Division 01 specification sections apply to all technical specification sections in Divisions 02-49 and set the stage for administration of the LEED certification efforts during bidding and construction. In this presentation, attendees will learn what LEED provisions to include in Division 01 specification sections, how these provisions are linked to the technical specifications, and how LEED provisions in Part 3 Execution of the technical specifications assist in the LEED certification process without interfering with the contractor's means and methods.
5:30 – 7: 30 pm at Alberici, 8800 Page Ave. (63114) Free for CSI members!

April 10 – Healthy Indoor Air by Design

In partnership with the American Society of Interior Designers- Missouri East (ASID), the International Interior Design Association – St. Louis City Center (IIDA) and the Retail Design Institute (RDI).
Speaker: Paul Bates, Market Outreach Manager-GEI for Greenguard
5:30 – 7: 30 pm at the Sheet Metal Workers Local 36, 2319 Chouteau, Suite 200 (63103) Free for ASID, IIDA, and RDI members!

May 8 - Ninth Annual LEED Showcase: LEED for Neighborhood Development with Doug Farr

Speaker: Doug Farr, Principal of Farr Associates
Doug Farr, founding principal of Farr Associates, will present a detailed examination of one local project and the rating system which it is registered under, LEED for Neighborhood Development (LEED-ND). The project is the East Saint Louis Housing Authority's Church Lane Gardens Master Plan. Farr was the founding chair of the USGBC LEED-ND committee, working to establish a national standard that integrates the principles of green building and smart growth, and is author of the urban planning best-seller *Sustainable Urbanism: Urban Design with Nature*. His planning work at Farr Associates has helped certify multiple LEED-ND developments across Illinois. 5:30 – 7: 30 pm at the Sheet Metal Workers Local 36, 2319 Chouteau, Suite 200 (63103)

June 12 - DIY (Do it Yourself) Sustainability

We'll take a fast pace and fun approach to explore a variety of fresh and creative DIY ideas for sustainable living in a brief amount of time. Presenters will be selected through a Call for Proposals process and preference will be given to topics relevant to the built environment. The possibilities are endless! Be sure to submit YOUR ideas when the Call for Proposals is issued this February.
5:30 – 7:30 pm at Sheet Metal Workers Local 36, 2319 Chouteau, Suite 200 (63103)

July 10 – Green Building Tour

5:30 – 7:30 pm, More details and location TBA.

August 14 – Technology: Energy Modeling and Revit

5:30 – 7:30 pm at the Sheet Metal Workers Local 36, 2319 Chouteau, Suite 200 (63103). More details TBA.

September 11 – TBA

In partnership with the St. Louis Chapter of the International Facility Management Association (IFMA)
5:30 – 7:30 pm at Alberici, 8800 Page Ave. (63114). Free for all attendees!

October 9 – Faith Based Sustainability

5:30 – 7: 30 pm, More details and location TBA



LUNCH 'N LEED

Produced by USGBC National, these **LEED related webinars** offer a wonderful opportunity to earn professional continuing education credits, including LEED Specific GBCI CE Hours. USGBC-Missouri Gateway Chapter will offer group viewings of the following webinars. Each webinar is held from 12:00 – 1:30 pm at the Missouri Botanical Garden's Commerce Bank Center for Science Education, 4651 Shaw Blvd. St. Louis, MO 63110; Room 126 and offers 1.5 AIA/CES, 1.5 GBCI CE Hours. Additional webinars may be added throughout the year. Cost is \$10 / USGBC-Missouri Gateway Member; \$15 / Non-member **per session**; OR \$100/Member (**EARLY BIRD rate of \$90 if purchased by March 31st**); \$150/Non-member for a **2012 Unlimited Webinar Pass** which allows you to attend all of the Lunch 'n LEED webinars offered in group showings on the USGBC-Missouri Gateway 2012 calendar. Series pass are available as well; please see individual series listings for additional information.

February 22 - Building & Material Reuse: Understanding the Challenges, Celebrating the Success

12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 BD+C LEED Specific GBCI CE Hours.

The LEED credits related to building reuse (Materials & Resources Credits 1.1 and 1.2) and material reuse (Materials & Resources Credits 3.1 and 3.2) are some of the least utilized credits within the rating system. In a time of increasingly limited resources and a growing awareness around sustainable stewardship, however, building and material reuse represents one of the ultimate forms of resource conservation. The reuse of existing built fabric can be economically pragmatic, nurture communities, and provide vision of how to live more sustainably. Join us for this exciting webinar session, addressing reuse and credit challenges and opportunities, innovative tools and resources available, and strategies to utilize reuse as a vehicle for creativity and sustainability.

February 29 - 405 Howard Street, A Case Study in Cost Effective Strategies for Success

12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 General (Not LEED Specific) GBCI CE Hours.

Multi-tenant building owners and managers are presented with unique challenges and opportunities when pursuing LEED for Existing Buildings: O&M certification. 405 Howard St, a multi-tenant office building in San Francisco achieved platinum certification by pursuing cost effective operational strategies with direct benefit to the bottom line. Join us as the professionals closest to this effort - the building owner, property manager, and LEED consultant - highlight the process, strategies, and decision making that contributed to this successful project. Attendees will leave this training with a better understanding of LEED for Existing Buildings: O&M, through innovative operational strategies and key advice on overcoming challenges in the process.

Webinar Series: The Evolution of LEED: Insights into Rating System Updates

Series consists of 6 consecutive weeks on Wednesdays March 14 – April 18. Attend one or all.

CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 LEED Specific (BD+C, ID+C, O+M, HOMES, and ND) GBCI CE Hours/session.

Cost is \$10 / USGBC-Missouri Gateway Member; \$15 / Non-member **per session**;

OR \$50 / Member; \$75 / Non-member for **The Evolution of LEED Webinar Series Pass**;

OR purchase a **2012 Unlimited Webinar Pass** for \$100/Member (\$90 if purchased by March 31); \$150/Non-member.

Join us for this six-part webinar series, giving you insight and tools for understanding the development cycle of LEED and important updates to the rating systems. Featuring LEED Technical Advisory Group (TAG) and Committee members – LEED experts in the field – this series will highlight a number of credit categories undergoing important evolution. This series is designed to prepare attendees to integrate new versions of LEED into professional practice.

March 14 – Introduction to Evolution of LEED (Session 1 of Introduction to Evolution of LEED)

12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 LEED Specific (BD+C, ID+C, O+M, HOMES, and ND) GBCI CE Hours This session will kick off our Evolution of LEED series and explore the three year development process of the LEED rating system. Industry experts will discuss the key, current drivers of LEED's evolution and review how the changes will impact your professional practice. Upon completion of this webinar session, attendees will gain a greater understanding of the Evolution of LEED and be able to identify opportunities to participate in this evolution.

March 21 – Regionalization (Session 2 of Introduction to Evolution of LEED)

12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 LEED Specific (BD+C, ID+C, O+M, HOMES, and ND) GBCI CE Hours Since 2009, LEED has awarded extra points to projects that achieve specific credits that address the unique environmental priorities of an area. These Regional Priority credits (RPCs) are existing LEED credits selected from the entire LEED rating system and given priority status. This webinar session will explore the process by which USGBC collaborates with its chapter volunteers to select RPCs, highlight opportunities for involvement and discuss key updates in the process from LEED 2009 to LEED 2012.

Continued on next page.

Continuation of Webinar Series: The Evolution of LEED: Insights into Rating System Updates

March 28 – Materials and Resources (Session 3 of Introduction to Evolution of LEED)

12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 LEED Specific (BD+C, ID+C, O+M, HOMES, and ND) GBCI CE Hours There are numerous proposed changes to the MR section for 2012. This webinar will summarize the rationale for these changes and explain them in general terms. Examples drawn from real projects will be used to show the practical implications of the proposed changes.

April 4 – Performance (Session 4 of Introduction to Evolution of LEED)

12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 LEED Specific (BD+C, ID+C, O+M, HOMES, and ND) GBCI CE Hours Interested in optimizing the performance of your building? Join USGBC for this informative webinar that will emphasize the importance of data collection and analysis in achieving high-performing buildings. This session will also discuss one of the new credit categories for LEED 2012: Performance (PF), which aims to encourage project teams to incorporate building performance metrics into the design, construction and operation of their buildings. Upon completion of this webinar, attendees will be able to identify opportunities to integrate building performance monitoring into LEED projects, and articulate the ways to overcome some of the challenges associated with performance monitoring.

April 11 – Weightings, Part 1: Process and Methods (Session 5 of Introduction to Evolution of LEED)

12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 LEED Specific (BD+C, ID+C, O+M, HOMES, and ND) GBCI CE Hours Would you rather “do less harm”, or “do more good”? This fundamental question is the basis of LEED’s evolution. In LEED 2009, credit weightings were based on the EPA’s TRACI list to minimize negative environmental impacts. As LEED evolves, we flip the approach on its head by aligning credits directly with positive global outcomes. In the first of this two-part webinar, learn the process behind how key priorities drive current and future development of LEED. Impact categories, prioritization, credit weightings, and point allocation will all be discussed in depth. Upon completion of this webinar session, attendees will be able to summarize how LEED points are given different allocations and how those allocations evolve with LEED.

April 18-Weightings, Part 2: Results of Point Allocation (Session 6 of Introduction to Evolution of LEED)

12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 LEED Specific (BD+C, ID+C, O+M, HOMES, and ND) GBCI CE Hours What positive impacts do you want your LEED projects to accomplish? What is your strategy to gain more points? The good news is: these two desires are not mutually exclusive. In part two of “Evolution of LEED: Weightings”, the results of the weightings process on point allocation and the evolution of LEED is explained. We explore the rationale behind key priorities driving rating system development and analyze the impact of weightings on global issues such as climate change, human health, economics and resource use and more. Top credits across each impact category and credit category will be explored to paint a clear picture of how the weightings process works and what the implications it will have on professional practice.

Webinar Series: EA Credit 1: Successful Implementation Beyond Baseline Performance

Series consists of 3 consecutive weeks on Wednesdays July 18 - August 1. Attend one or all. 12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 BD+C LEED Specific GBCI CE Hours Per Session. Cost is \$10 / USGBC-Missouri Gateway Member; \$15 / Non-member **per session**; OR \$20 / Member; \$30 / Non-member for an **EA Credit 1 Webinar Series Pass**; OR purchase a **2012 Unlimited Webinar Pass** for \$100 / Member (\$90 if purchased by March 31); \$150 / Non-member.

This exciting three-part webinar series brings you the strategies necessary to successfully achieve EA Credit 1 and energy efficiency through integrated design. During this webinar series, attendees will learn about the best practices and top strategies for energy load reduction, energy demand reduction, and renewable energy.

July 18 - Energy Consumption & EA Credit 1: Top 10 Energy Efficiency Measures for Load Reduction (Session 1 of the EA Credit 1 Webinar Series)

12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 BD+C LEED Specific GBCI CE Hours.

This session will explore the first step for reducing energy consumption of a building: reducing energy loads. Presenters will highlight energy simulation as a design tool and key to successfully implementing EA Credit 1.

July 25 - Systems Design & EA Credit 1: Top 10 Energy Efficiency Measures for Demand Reduction (Session 2 of the EA Credit 1 Webinar Series)

12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 BD+C LEED Specific GBCI CE Hours.

This session is all about reducing energy demand on the building's systems. Innovative and appropriate systems' design can reduce the energy the system uses to do the same amount of work. Presenters will explore energy modeling as a design tool and key to successfully implementing EA Credit 1.

August 1 - Renewable Energy & EA Credits 1 and 2: Top 5 Strategies to Meet Energy Demand (Session 3 of the EA Credit 1 Webinar Series)

12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 BD+C LEED Specific GBCI CE Hours.

This session will assess on-site renewable energy as the cleanest source of meeting energy demands of the building. Presenters will assess various design tools and keys to successfully implementing EA Credit 1 and Credit 2.

LUNCH 'N LEED (continued)

Webinar Series: LEED Certification

Series consists of 4 consecutive weeks on Wednesdays August 29 – September 19. Attend one or all.

12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 BD+C, O+M, ID+C, ND LEED Specific GBCI CE Hours Per Session. Cost is \$10 / USGBC-Missouri Gateway Member; \$15 / Non-member **per session**; OR \$30 / Member; \$45 / Non-member for a **LEED Certification Webinar Series Pass**; OR purchase a **2012 Unlimited Webinar Pass** for \$100 / Member (\$90 if purchased by March 31); \$150 / Non-member.

This multi-part webinar series explores the LEED certification process. Based upon the training given to LEED Certification Reviewers, this series trains engaged member of LEED project teams for success in documentation and certification of projects.

August 29 - LEED Certification: How & Why

12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 BD+C, O+M, ID+C, ND LEED Specific GBCI CE Hours

Why is LEED Certification important? LEED Certification is an investment of both time and money – but the benefits pay off. In this first of four, 90-minute webinars, we explore the reasons why LEED Certification is valuable, and introduce some tips and best practices project teams have employed to maximize that investment throughout the certification process.

September 5 - LEED Certification: Project Scoping

12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 BD+C, O+M, ID+C, ND LEED Specific GBCI CE Hours

Satisfying Minimum Program Requirements (MPRs) and selecting the correct rating system for your project is fundamental for success in LEED Certification. In part two of the LEED Certification webinar series, we explore the details of MPRs and Rating System Selection. Applications for multiple buildings and building type adaptations will be discussed. Certification Reviewers will share tips and common pitfalls experienced by in the initial scoping of LEED projects.

September 12 - LEED Certification: Summary & Overview Documentation

12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 BD+C, O+M, ID+C, ND LEED Specific GBCI CE Hours

Projects can be deemed ineligible for certification even before Certification Reviewers look at the strategies and credits attempted. Accurate and consistent summary and overview documentation about a project seeking LEED Certification is imperative. This information can determine if a project is eligible for certification and if the appropriate LEED Rating System has been selected. In the third webinar in the LEED Certification series, we learn best practices for submitting consistent content into LEED Online, and how to correctly calculate baselines.

September 19 - LEED Certification: Think Like A Reviewer

12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 BD+C, O+M, ID+C, ND LEED Specific GBCI CE Hours

Can you imagine getting LEED Certification upon your projects preliminary review? It can be done! This module goes in-depth on how to write clear and concise narratives comments and provide the right documentation to ensure certification success. You will get a 'behind the scene' look into the mind of real LEED Certification Reviewers to learn the most common pit-falls in LEED Certification.

October 3 - Green Operations & Multi-Tenant Engagement in LEED for Existing Buildings: Operations & Maintenance

12:00 – 1:30 pm CEUs: 1.5 AIA/CES CEH/HSW/SD, 1.5 O+M LEED Specific GBCI CE Hours.

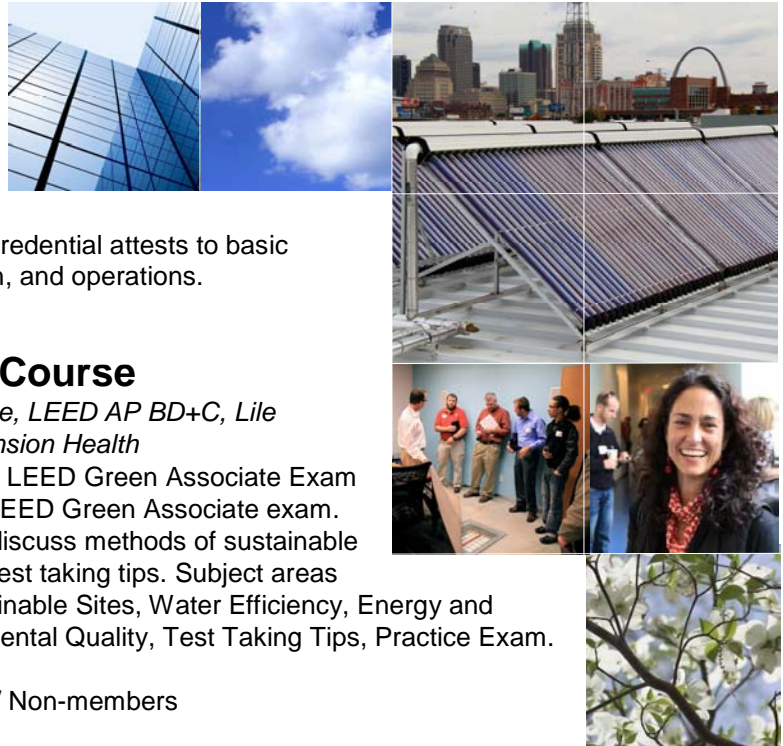
This webinar will feature Daniel Simpson and Sukanya Paciorek sharing their experiences, successes, and failures in multi-tenant engagement for commercial real estate office buildings achieving LEED for Existing Buildings: O&M. Interested in learning how to work with tenants towards a common goal of sustainable operations? Join us as practitioners share real world information and resources.

- Review the credits in the LEED EB: O&M Rating System applicable to tenant engagement
- Understand the importance of actively engaging tenants
- Explore the different methods and strategies for getting buy-in from tenants
- See how proper tenant engagement can greatly simplify the pursuit of LEED EB:O&M certification

LEED EXAM PREP



The LEED Green Associate credential is designed for professionals who want to demonstrate green building expertise in non-technical fields of practice. This credential attests to basic knowledge of green design, construction, and operations.



LEED Green Associate Exam Prep Course

Instructors: Jaime Kelley, LEED AP BD+C, Lawrence Lile, LEED AP BD+C, Lile Engineering LLC & Lois Sechrist, LEED AP ID+C, Ascension Health
USGBC-Missouri Gateway's two full-day (16 hours total) LEED Green Associate Exam Prep course is designed to prepare participants for the LEED Green Associate exam. Skilled instructors will provide an introduction to LEED, discuss methods of sustainable project delivery and green building principals, and offer test taking tips. Subject areas covered include: Introduction and Core Concepts, Sustainable Sites, Water Efficiency, Energy and Atmosphere, Materials and Resources, Indoor Environmental Quality, Test Taking Tips, Practice Exam.

Fee: \$200 / USGBC-Missouri Gateway Members; \$250 / Non-members

January 12 & 13 (Mid-Missouri)

8:30 am – 5:00 pm both days at the Missouri Parks and Recreation Multipurpose Bldg, 810 Sandstone Dr, North Jefferson City, Missouri.

April 27 & 30 - 8:30 am – 5:00 pm both days. St. Louis, MO. Exact location TBA.

July 20 & 23 - 8:30 am – 5:00 pm both days. St. Louis, MO. Exact location TBA.

December 7 & 10 - 8:30 am – 5:00 pm both days. St. Louis, MO. Exact location TBA.



For professionals participating in the design and construction phases of high-performance, durable, affordable and environmentally sound commercial, institutional, and high-rise residential buildings, the LEED AP Building Design + Construction exam is designed to measure your knowledge and skill in understanding the LEED BD+C Rating System and ability to facilitate the project certification process.

LEED AP BD+C Exam Prep Course

Instructors: Paul Todd Merrill, Director of Sustainable Construction at Clayco & Nick Bristow, Project Engineer at Clayco
USGBC-Missouri Gateway's two, eight-hour and four, four-hour session (16 hours total) LEED AP BD+C Specialty Exam Prep courses are designed to prepare participants for the LEED AP BD+C Specialty exam. Skilled instructors will discuss categories and credits in the LEED BD&C Rating System, explore methods of sustainable project delivery and green building practices, and offer test taking tips. Subject areas covered include: Introduction, Exam Strategy, BD&C Process, Sustainable Sites, Water Efficiency, Energy and Atmosphere, Materials and Resources, Indoor Environmental Quality, Test Taking Tips, Practice Exam.

Fee: \$200 / USGBC-Missouri Gateway Members; \$250 / Non-members

February 24 & 27 - 8:30 am – 5:00 pm both days. St. Louis, MO. Exact location TBA.

October - Exact dates TBA. 4:30 – 8:30 pm each evening at the Missouri Botanical Garden's Commerce Bank Center for Science Education, 4651 Shaw Blvd. St. Louis, MO 63110.

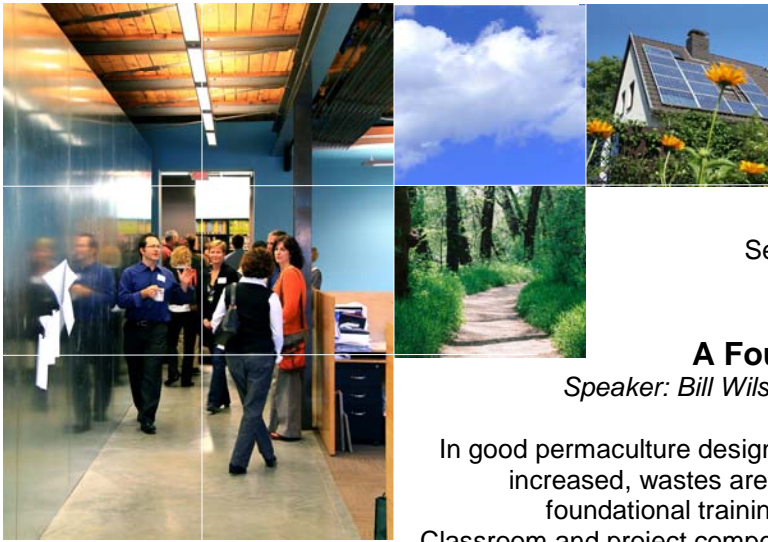
IN-DEPTH SEMINARS

In-depth seminars offer extended consideration of topics our membership has expressed interest in.

Ideal for individuals who are implementing and applying green building practices and principles.

Most offer 2 GBCI CE Hours and 2 AIA/CES CEH.

See individual listings for more information about CE Hours.



March 8 – 11 - Permaculture Training: A Four-Day Design and Hands-On Intensive Class

Speaker: Bill Wilson, Guest Instructor & Co-Founder Midwest Permaculture

CEUs: Submitted for approval of 32 GBCI CE Hours.

In good permaculture design, work is minimized, yields (food, energy and income) are increased, wastes are eliminated and the environment is restored. This four-day foundational training course in permaculture design features a practical bent.

Classroom and project components will be geared for the suburban or city resident who wants to transform their immediate environment into one of natural beauty, productivity and functionality. The workshop earns credit toward Permaculture Design Course (PDC) Certification.

When and Where: 8:30 am - 5:30 pm each day with optional evening activities which run until 9:00 pm. Missouri Botanical Garden's Commerce Bank Center for Science Education, 4651 Shaw Blvd. (63110), Room 126 AND at local project sites. **Fee:** EARLY BIRD RATE (Through February 10th): \$495 for USGBC-Missouri Gateway Members & Missouri Botanical Garden Members; \$550 for Non-members. After February 10th: \$550 for USGBC-Missouri Gateway Members & Missouri Botanical Garden Members; \$595 for non-members. Advance registration required by Mar. 5

April 18 – Materials Sustainability Standards: A Comparative Analysis

Speaker: Hannah Roth, Project Director of Materials Sustainability and Standards: Comparative Analysis at Washington University in St. Louis **CEUs:** 2 AIA/CES CEH, 2 GBCI CE Hours.

In recent years, the number of certifications, "eco-labels," and standards relating to the sustainability and ecological impact of building materials -materials sustainability standards (MSS)—have grown at a rapid pace. The Materials Resource Center (MRC), an initiative at Washington University's Sam Fox School, seeks to provide impartial and rigorous analysis of MSS. Co-director of the MRC, Hannah Roth, will discuss this pilot project and it's goal to create a model for analysis of eco-labels and certifications which identifies what is being monitored and measured and to what depth those measurements go. The results of their analysis will be encoded in a searchable, user-friendly dataset that provides a clear basis for comparison among different MSS.

When and Where: 3:00 – 5:00 pm. Exact location TBA. **Fee:** \$30 / USGBC-Missouri Gateway Members; \$50 / Non-members

June & September – ENERGY STAR Seminar & Hands-On Work Session

Speaker: Erik Lueders, Resource Conservation Manager for Parkway School District **CEUs:** 2 GBCI CE Hours.

Saving energy and therefore money is an important goal for all building owners. However, it's difficult to set goals and action plans if you don't know where you're starting from. Energy Star Portfolio Manager is a free web-based tool that anyone can utilize to benchmark and assess energy usage of their building. Portfolio Manager can also provide a 'grade' for your energy usage including awards for the top performers! Instructor Erik Lueders will teach attendees more about this free resource, outlining a step by step process for how to get started.

When and Where: 3:00 – 5:00 pm. Exact dates and location TBA. **Fee:** \$30 / USGBC-Missouri Gateway Members; \$50 / Non-members

SPECIAL EVENTS & PARTNERED PROGRAMS

April 4 - Passive Survivability Design with Alex Wilson

Hosted by AIA-St. Louis. More details TBA.

May 31 – Green Building–Related Program

In partnership with St. Louis Council of Construction Consumers. More details TBA.

SPECIAL EVENTS & PARTNERED PROGRAMS (continued)



March 29 – Growing Green Awards Celebration

The USGBC-Missouri Gateway Chapter Growing Green Awards celebrate and recognize the individuals, groups and organizations actively transforming the built environment while sharing their knowledge of green building and sustainable practices. This year's categories include: Community Champion, Education, Emerging Leader, Innovation, Operational Excellence and Restoration. Nominations due January 27th at 5 PM. Winners will be announced at the March 29th dinner celebration which begins at 5:30pm.



October 20 - ECORIDE to Benefit USGBC-Missouri Gateway Scholarship Fund

Join us for a bike ride under beautiful October skies along the mighty Mississippi and support green building education! Proceeds from the bike ride will benefit the Chapter's scholarship fund. The Chapter has given out scholarships to green building & sustainability trainings over the years to support our goal of transforming every building into a green buildings.

Green Schools Events (K-12)

April – Green Schools Engagement - Green Cleaning

School administrators, staff, and faculty are invited to learn about Green Cleaning.

5:00 – 7:00 pm. Exact date and location TBA. This is a free event for school educators and administrators.

June 25 – 29 - Sustainability Institute for PK12 Educators - Building a Culture of Sustainability

In partnership with Webster University's School of Education and the Education Divisions of the Missouri Botanical Gardens and the St Louis Zoo What is sustainability and what does it mean for educators? This multi-day institute with beginner and advanced tracks will explore sustainability (the interconnectedness of social equity, the environment, and the economy) in an educational context, present examples of schools and resources in the Bi-State region who practice sustainability, and provide working sessions for educators to plan for how they can bring sustainability to their institutions. Additional details TBA.

November – Green Schools Annual Event Additional details TBA.

USGBC-Missouri Gateway New Member Welcome Events

USGBC-Missouri Gateway New Member Welcome Events are held twice per year and offer the opportunity for new members to get acquainted with Chapter history, committees and programs, meet Chapter leaders and fellow new members, and tour a local green building. New Member Welcome Events will be held in **May** and **November** of 2012.

LEED-ing the Way: St. Louis Community College Continuing Ed Breakfast Seminars

USGBC-Missouri Gateway Chapter is pleased to partner with St. Louis Community College on several green building related continuing education courses which offer GBCI CE Hours for LEED Professionals. Stay tuned for more details on course offerings.

Green Building Conferences and Events

May 16 – 18 - Greening the Heartland Regional Conference in Indianapolis, IN

September 29 – Green Homes Festival

November 13 – 16 - Greenbuild International Conference in San Francisco, CA

Check www.usgbc-mogateway.org or email usgbc-mogateway@mobot.org

for the most up-to-date event and registration information.

We look forward to seeing you at upcoming Programs & Events!