



## Monthly Evening Programs

Free to USGBC-MGC Members and students; \$20 for non-members. 1 GBCI CE Hour and 1 AIA/CES LU unless noted. (5:30-7:30pm)

**JAN 24 State of the Chapter & Social**  
CE Hours are not offered for this social event.

**FEB 12 Calculating Tree Benefits**  
*In partnership with Missouri Botanical Garden, BiodiverseCity St. Louis & Academy of Sciences.*  
Using tools in the iTree suite of software, planners and designers can easily calculate the air, water, and energy impacts of existing, proposed, and newly planted trees on a project.

**MAR 12 Handprints & Footprints**  
Visionary Gregory Norris will share his concept of "handprints," an optimistic approach that aims to engage people not only in reducing their footprints (negative environmental impacts), but also in creating net-positive impacts through their handprints.

**APR 03 Green Schools Event**  
Celebrate the student-driven sustainability projects underway at 59 local schools participating in the 2018-19 Green Schools Quest.

**MAY 14 Regional Green Building Challenges & Successes**  
A panel of design, construction, development and business ownership professionals will discuss national and regional green building progress to date as well as success stories and challenges, then engage attendees in exploring ways to encourage clients to embrace best practices in sustainable design and construction.

**JUN 11 Green Building Slam**  
Four projects. Ten minutes each. That's all there is to it: the Green Building Slam. We're shaking things up a bit for this year's Showcase.

**JUL 09 LEED Tour: STLCC Center for Nursing & Health Sciences**  
1 LEED Specific (BD+C) CE Hour  
Seeking certification under LEEDv4, St. Louis Community College's new Center for Nursing and Health Sciences Facility will be the first new academic building constructed on the Forest Park campus in nearly 20 years, serving as a state-of-the-art learning center featuring science laboratories, dental clinics, and innovative classrooms spaces.

**AUG 13 Net Zero Carbon, Water, and Energy + Decarbonizing at the District Level**  
*In partnership with ASHRAE-St. Louis Chapter.*  
LEED Fellow Joshua Radoff will review the various definitions of Net Zero Energy, Water, and Carbon, and discuss the role of the built environment in transitioning to 100% clean energy, walking through how to approach district energy and water projects from technical and economic perspectives.

**SEP 10 Biophilic Design: Designing for Health and Increased Performance**  
*In partnership with IIDA-St. Louis Chapter, Missouri Botanical Garden, BiodiverseCity St. Louis & Academy of Sciences.*  
This presentation will explore clear and compelling case studies of built projects that illustrate Biophilic Design strategies and have a significant return on investment in interior spaces.

**OCT 08 It's What We Do**  
Leveraging insights from social science, you can influence human behaviors and facilitate a culture where saving energy and reducing waste is "just what people like us do." This lively discussion with lots of practical examples will show how you can inspire behavior changes that create a new normal.

## Exam Prep Courses

### LEED Green Associate

Online - Mar 6, 13, 20 & 27 (2-4pm all four days)  
In Person - Aug 22 (9am-5pm)  
In Person - Dec 6 (9am-5pm)

### LEED AP BD+C

Online - Sept 19, 26, Oct 3 & 10 (2-4pm all four days)

### WELL AP

In Person - Mar 1 (9am-5pm)



## In-Depth Seminars

Extended consideration of topics offering multiple GBCI CE Hours and AIA/CES LU.

**FEB 07 Key Changes to City of St. Louis Building Codes**  
Review key changes to the 2018 International Building Code, International Existing Building Code, International Energy Conservation Code and International Residential Code, with an emphasis on energy efficiency. (3:30-5pm)

**MAR 12 LCA Demystified**  
Life cycle assessment (LCA) expert Gregory Norris will provide a general introduction to LCA - including history, essential concepts, and development process - then dig into how to apply LCA to attendees' work in an impactful way. (3:30-5:30pm)

**MAY 21 Supporting Global Goals Locally**  
Explore the United Nations' Sustainable Development Goals, their relevance to the St. Louis area green building industry, and how to use the goals to better communicate and advance partnerships. (3-5pm)

**JUL 31 Sustainable SITES Review & Case Study**  
Examine local applications of the Sustainable SITES rating system with an emphasis on storm water management. (3-5pm)

**AUG 14 LEED Zero and 4.1: The LEED We've Been Waiting For**  
2 LEED Specific (BD+C) CE Hours  
Review v4.1 (BD+C) and the newly released LEED Zero Energy and Carbon, including an overview of the changes, an introduction to the new tools and metrics, and a look at applicability to various project types. (8-10am)

**SEP 11 Designing with Nature: Biophilic Design in LEED, WELL, LBC**  
2 LEED Specific (BD+C, ID+C) CE Hours  
An interactive workshop with natural elements will provide a personal inspiration to biophilic design followed by discussion on the impact of biophilia on LEED v4, WELL and Living Building Challenge. (8-10am)

**OCT 23 Upholstery, Fabrics & Coatings in Healthcare** (3-5pm)

**NOV 12 Intro to EcoDistricts**  
EcoDistricts is a way for districts and neighborhoods to guide urban development to empower just, sustainable, and resilient neighborhoods. This session will walk through the EcoDistrict Protocol, review the certification process, and introduce the accreditation. (3-5pm)

## LEED Specific Webinars (New!)

"Getting LEED Specific" is USGBC Midwest Communities' new webinar series offering LEED Specific credits. (12-1pm with Q&A 1-1:15pm)

**FEB 12 Materials Transparency & LEED**  
1 LEED Specific (BD+C, ID+C) CE Hour

**MAY 14 LEED Supports Healthy Spaces**  
1 LEED Specific (BD+C, ID+C, O+M, Homes) CE Hour

**SEP 10 Energy in LEED: Today & Tomorrow**  
1 LEED Specific (BD+C, ID+C, O+M) CE Hour

**DEC 10 LEED Buildings are for People: Design for Human Engagement**  
1 LEED Specific (BD+C) CE Hour

## Green Building Professional Skills Trainings (New!)

GPRO Operations & Maintenance (O+M) Essentials is a two day course that provides building professionals with strategies to improve efficiency, comfort, and health in our existing buildings. USGBC-MGC is the local delivery partner for this Green Building Professional Skills (GPRO) Training in partnership with Urban Green (NYC Chapter) who developed the training in partnership with their local building trades. (8:30am-4:30pm both days)

### GPRO Operations & Maintenance (O+M) Essentials

February 27 & 28  
May 16 & 17  
August 7 & 8  
November 14 & 15