



CMP Webinar Course Descriptions

Course Name	Course Credits	Course Description
Educating the Client: Owner, Operator, Occupant, and the Community	2.0 AIA HSW/SD 2.0 LEED Specific GBCI CE Hours (BD+C, ID+C, O+M)	This intermediate seminar will provide an overview of green building education strategies, specific to the client as the owner, the building operator, the tenant, and the community. The seminar will place an emphasis on training and documentation during the design and construction phase as related to the different LEED rating systems, as well as training and outreach during the occupancy phase. It will also cover real life examples of client education within several LEED certified projects.
Exemplary Performance Opportunities for LEED NC Projects	3.0 AIA HSW/SD 3.0 LEED Specific GBCI CE Hours	This intermediate seminar will provide an overview of exemplary performance options in the LEED for New Construction (NC) version 3.0 rating system. It will describe exemplary performance as a way of exceeding the requirements of existing credits in the rating system. It will also describe how the points can be collected through the Innovation in Design category of the rating system.
Going Green, Being Green, Saving Green	1.5 AIA HSW/SD 1.5 GBCI CE Hours	This course is ideal for anyone wishing to learn more about incorporating green building strategies into their projects. The seminar will discuss the importance of green building and the integrative design and construction processes. The green building rating systems and tools, including LEED, will be introduced for various project types. Since LEED is the most prominent of the tools, the presenter will use the LEED categories to describe the concepts and strategies relevant to sustainable and efficient design and construction processes.
Integrated Project Delivery	1.0 AIA HSW/SD 1.0 GBCI CE Hour	This introductory seminar will provide an overview of a project delivery method known as Integrated Project Delivery (IPD). The seminar will discuss key components of IPD, the difference between IPD vs. Design-Bid-Build, and ways to structure IPD contracts. The seminar will place an emphasis on IPD as a way of achieving LEED or green building design and construction goals, while keeping costs and delays at a minimum.
Introduction to Energy and Atmosphere	1.0 AIA HSW/SD 1.0 GBCI CE Hour	This introductory seminar will provide an overview of energy efficiency initiatives, specific to consumption within buildings. It will also provide an overview of renewable energy options as well as ways to protect the atmosphere through refrigerant management. It will also cover a real life example of an energy efficiency initiative within a LEED certified building.
Introduction to Indoor Environmental Quality	2.0 AIA HSW/SD 2.0 GBCI CE Hours	This introductory seminar provides an overview of indoor environmental quality initiatives. It stresses the importance that a building's interior can have on an occupant or installer's health, safety, and overall well-being, thus promoting the social responsibility component of the triple bottom line. The seminar will identify issues such as indoor air quality, acoustical performance, low-emitting materials, thermal comfort, controllability of systems, and access to daylight and views.
Introduction to Materials & Resources	1.0 AIA HSW/SD 1.0 GBCI CE Hour	This introductory seminar will provide an overview of materials and resources initiatives. It will discuss the importance of choosing appropriate materials for a building project, managing construction waste, as well as, ensuring the future occupants have the opportunity and space to recycle. The lecture will focus on life cycle impacts associated with materials selection decisions.



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LEED for Contractors	4.0 AIA HSW/SD 3.5 LEED Specific for GBCI CMP (BD+C)	This intermediate level course is ideal for General Contractors wishing to learn more about LEED requirements during construction. Attendees will learn about LEED and the benefits of green building, as well as, the prerequisites and credits they will be typically responsible for. The instructor will provide insight to the documentation requirements, including calculations, specific to the Material & Resources and Indoor Environmental Quality categories.
LEED for NC v2 to v3	3.0 AIA HSW/SD 3.0 LEED Specific for GBCI CMP (BD+C)	This course provides students information on the changes of the new 2009 version of the LEED for New Construction and Major Renovations rating system. In June 2009, USGBC released the new rating systems' 3.0 versions along with some revisions and additions to the registration and certification process. This course will briefly review the basics of LEED including terminology and the components of the system, including prerequisites and credits. The instructor will then introduce the updates to the overall system and then detail the specifics concerning LEED NC v3.
Life-Cycle Assessments	1.0 AIA HSW/SD 1.0 GBCI CE Hour	This introductory seminar will provide an overview of performing a life cycle assessment and life cycle cost analysis. It will discuss the importance of making well-informed decisions about products or processes, based on environmental impacts and future expenses. The seminar will also provide insight on the relationship between green building goals, integrated project delivery, and life cycle assessments.
Low-Emitting Materials	1.0 AIA HSW/SD 1.0 GBCI CE Hour	This introductory seminar will provide an overview on low-emitting materials, specific to the building industry. The seminar will place an emphasis on the major categories of these building materials and the reference standards that relate to each. It will also cover two real life examples of LEED certified projects with an emphasis on their indoor environmental quality goals.
Process Water Management	1.0 AIA HSW/SD 1.0 GBCI CE Hour	This seminar will provide an overview of process water use in schools and existing buildings, with the goal of contributing to the reduction of potable water use. The course will look at the issues associated with managing water consumption in processes such as those associated with food in schools, as well as cooling towers water management. The use of potable versus non-potable water and the required management techniques for cooling towers will be presented.
Site Considerations: Where to Develop	1.5 AIA HSW/SD 1.5 GBCI CE Hours	This introductory seminar will provide an overview of the characteristics of a site that should be protected versus characteristics that make a site ideal for development. It will cover reasons why certain vulnerable sites should be avoided and why the development of others would result in a more sustainable built environment. The lecture will focus on a group of strategies that specify where to develop as opposed to how to develop. The latter is discussed in a separate lecture.



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Site Development Considerations for LEED NC	2.0 AIA HSW/SD 2.0 LEED Specific for GBCI CMP (BD+C)	This introductory seminar will provide an overview of the characteristics of a site that should be protected versus characteristics that make a site ideal for development. It will cover reasons why certain vulnerable sites should be avoided and why the development of others would result in a more sustainable built environment. The lecture will focus on the credits in the Sustainable Sites category of the LEED Green Building Rating System for New Construction and Major Renovations. Within that category, it will focus on a group of credits that specify where to develop as opposed to how to develop. The latter is discussed in a separate lecture.
Stormwater Management	1.0 AIA HSW/SD 1.0 GBCI CE Hour	This introductory seminar will provide an overview of stormwater management, specific to quantity and quality control. It will also provide an overview of the effects of stormwater pollution and the need to preserve pre-development conditions. The seminar will place an emphasis on the technologies used to achieve stormwater quantity and quality control, as well as benefits and drawbacks for each. It will also cover several real life examples of stormwater control measures used within LEED certified buildings.
The Minimum Program Requirements of LEED	1.5 AIA HSW/SD 1.5 LEED Specific for GBCI CMP (BD+C, ID+C, O+M)	This course on Minimum Program Requirements provides crucial information that every potential LEED project must comply with in order to become certified. This course will provide guidance for different building types, covering minimum square foot requirements, occupancy rates, as well as, descriptions to assist the project team towards compliance.
Understanding Green Roofs	1.5 AIA HSW/SD 1.0 GBCI CE Hour	This course provides students information on the multiple benefits on a green roof. Starting with the energy savings resulting from the thermal barrier to minimizing radiant heat addressed through the heat island effect. This course discusses the effects of stormwater runoff and how green roofs can help minimize runoff. From quality of the outdoor air to promoting biodiversity and providing open space, this course reveals the benefits of implementing a green roof on a building project.
Urban Heat Island Effect	1.0 AIA HSW/SD 1.0 GBCI CE Hour	This introductory seminar will provide an overview of heat island effect mitigation initiatives. It will first define the heat island effect, reasons why it is a concern, and then describe several spillover benefits associated with mitigating the effect. Benefits described include stormwater management, habitat and open space restoration, as well as energy efficiency improvements. The seminar will place a particular emphasis on differences between roof-oriented initiatives verses non-roof oriented initiatives.
Water Efficiency	1.0 AIA HSW/SD 1.0 GBCI CE Hour	This introductory seminar will provide an overview of water efficiency initiatives, specific to consumption within buildings, production of waste water as well as water used for irrigation. The seminar will place an emphasis on minimizing use of potable water. It will also cover several real life examples of water efficiency initiatives.