



*Are you ready for  
a career in one of  
the fastest  
growing sectors  
in the US today?*

## Green Technology & Sustainability E-Learning Programs

As the building industry moves toward more sustainable concepts, architects, contractors, builders and other construction professionals will require education and certification in these growing fields. To meet the demands of employers in the fast-evolving fields of green building, alternative energy and sustainable design, we offer courses and certification from the leading standard-setting institutions in these fields including the US Green Building Council. These innovative eLearning programs include training and certification prep courses in the USGBC's Leadership in Energy and Environmental Design (LEED) as well as multiple courses for both novices and professionals geared toward implementing sustainable goals for facilities serving particular industries.

Programs	Certification	Contact Hours	
Green Building and LEED Green Associate	LEED GA	34	\$ 819
Green Building and LEED Green Associate - SPANISH	LEED GA	34	\$ 819
Green Building Core Concepts & Strategies for Facilities Management		26	\$ 449
Green Building Core Concepts & Strategies for Healthcare		26	\$ 449
Green Building Core Concepts & Strategies for Services & Hospitality		26	\$ 449



**Contact us today to enroll!**

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# Green Technology & Sustainability

## Green Building and LEED

### Preparing for the LEED Green Associate Exam

As the building industry moves toward more sustainable concepts, architects, contractors, builders and other construction professionals will require education and certification in these growing fields. Developed by the US Green Building Council (USGBC) the Leadership in Energy and Environmental Design (LEED) system is the prevailing standard for Green building and sustainable design across the country. The LEED Green Associate (GA) credential is the first step toward entering the growing field of green building and essential to anyone involved in the building process to ensure the USGBC standards are met and maintained. LEED GA credentials ensure green building professionals are familiar with the LEED credit rating system including the extensive application process and required stakeholder involvement for success. Implementing LEED standards involves proper water management, employing sustainable building systems and materials, understanding energy impacts and reducing overall footprints. The USGBC LEED system is extremely intricate and requires a commitment by all stakeholders involved to create a LEED-Certified building. LEED Green Associates are on the front lines of making these transitions for the existing building stock as well as ensuring the next generation of US buildings use less energy, create less waste and conserve more resources than ever before. The LEED 205: LEED Green Associate course examines green design, construction, and operations concepts that are fundamental to the LEED rating system as designed by the USGBC. The course is intended as preparation for students who will sit for the LEED Green Associate (GA) Exam. Topics include LEED intents and concepts at the credit category level, strategies, and synergies. LEED metrics and LEED-referenced standards are addressed throughout. Alongside LEED Project Experience, the LEED GA credential is the first step toward securing a more advanced LEED Accredited Professional credential. **The course is intended as preparation for students who will sit for the LEED Green Associate (GA) Exam.**

## Green Building and LEED

### Preparing for the LEED Green Associate Exam, Spanish

As the building industry moves toward more sustainable concepts, architects, contractors, builders and other construction professionals will require education and certification in these growing fields. Developed by the US Green Building Council (USGBC) the Leadership in Energy and Environmental Design (LEED) system is the prevailing standard for Green building and sustainable design across the country. The LEED Green Associate (GA) credential is the first step toward entering the growing field of green building and essential to anyone involved in the building process to ensure the USGBC standards are met and maintained. LEED GA credentials ensure green building professionals are familiar with the LEED credit rating system including the extensive application process and required stakeholder involvement for success. Implementing LEED standards involves proper water management, employing sustainable building systems and materials, understanding energy impacts and reducing overall footprints. The USGBC LEED system is extremely intricate and requires a commitment by all stakeholders involved to create a LEED-Certified building. LEED Green Associates are on the front lines of making these transitions for the existing building stock as well as ensuring the next generation of US buildings use less energy, create less waste and conserve more resources than ever before. The LEED 205: LEED Green Associate course examines green design, construction, and operations concepts that are fundamental to the LEED rating system as designed by the USGBC. The course is intended as preparation for students who will sit for the LEED Green Associate (GA) Exam. Topics include LEED intents and concepts at the credit category level, strategies, and synergies. LEED metrics and LEED-referenced standards are addressed throughout. Alongside LEED Project Experience, the LEED GA credential is the first step toward securing a more advanced LEED Accredited Professional credential. **The course is intended as preparation for students who will sit for the LEED Green Associate (GA) Exam.**



## Green Building

### Core Concepts and Strategies for Facilities Management

Developed by the US Green Building Council (USGBC) the Leadership in Energy and Environmental Design (LEED) system is the prevailing standard for Green building and sustainable design across the country. Once built or retrofitted, LEED-Certified buildings require a significant commitment to facilities management and maintenance in order to meet the overall goals of sustainable design, retain LEED status and get the most out of the building itself. Moreover, as more and more municipalities and building codes adopt LEED concepts, many of these standards will become mandatory, the violation of which could pose significant difficulty for building owners. As such, individuals who understand how these intricate building systems work are in high demand by building owners and builders in order to get the best return on their investment in transitioning to the LEED system. Facilities managers who understand the core LEED concepts as designed by the USGBC are best equipped to ensure these new buildings are working as intended and continue to comply with USGBC standards. The LEED 210: Green Building Core Concepts and Strategies for Facilities Management course examines the intent and environmental, social, and economic impact of the green building core concepts that are fundamental to the LEED (Leadership in Energy and Environmental Design) green building rating system. This course will review green building issues and core concepts of the LEED framework unique to facilities management settings, as well as the key roles supporting sustainability in these settings. In addition, this course will provide the skills and knowledge for learners to become leaders in their organization's overall sustainability efforts and allow them to identify opportunities for growing this role in the future.

## :Green Building

### Core Concepts and Strategies for Healthcare

Developed by the US Green Building Council (USGBC) the Leadership in Energy and Environmental Design (LEED) system is the prevailing standard for Green building and sustainable design across the country. To address the varying needs of different types of buildings in our communities, the USGBC developed a specific set of standards aimed at healthcare facilities. Adapting the LEED credit rating system to account for these unique facilities, the USGBC established a set of standards workable for healthcare buildings that have strict regulatory requirements of their own, operate at all hours, every day of the week and have specific programmatic demands that the initial LEED standards neglected to address. The resulting LEED for Healthcare rating system acknowledges these differences by both modifying existing credits and creating new, healthcare-specific credits to ensure hospitals, clinics and physicians practices can contribute to the sustainability effort. Federal inpatient and outpatient care facilities as well as licensed long term care facilities are now required to meet certain LEED criteria further increasing the need for LEED professionals. As more and more healthcare facilities move to adopt LEED standards, they will need certified professionals to help carry out and maintain their transition. The LEED 210: Green Building. Core Concepts and Strategies for Healthcare course introduces students to green design and operations concepts that are fundamental to LEED, and relates these concepts to the Healthcare industry. Students will investigate concepts such as LEED corporate social responsibility, integrated project team(s), environment, social and economic impact of sustainability strategies and actions, and green building issues unique to the healthcare industry. They will also gain the skills and knowledge they need to become leaders in their organization's overall sustainability efforts and allow them to identify opportunities for expanding this role in the future.

## Green Building

### Core Concepts and Strategies for Services and Hospitality

In the US alone, hotels constitute over 5 billion square feet of real estate, nearly 5 million guest rooms and close to \$4 billion, annually, in overall energy use. Conferences and business meetings, alone, represent a \$175 billion industry and, not counting international travelers, Americans make more than 400 million long-distance business trips per year. Given these staggering figures, it is apparent that hotels and other hospitality venues have a tremendous opportunity to reduce their environmental impact by employing LEED principles in terms of increasing water and energy efficiency, reducing waste, and employing more sustainable purchasing and transportation plans. Moreover, indoor air quality, strategic design concepts focused on natural light and increased awareness of occupants and employees with respect to lighting, heating and cooling would make great strides toward improving the overall health and comfort of indoor environments – a principle goal of any LEED strategy. This course examines the intent and environmental, social, and economic impact of the green building core concepts that are fundamental to the LEED (Leadership in Energy and Environmental Design) green building rating system. This course will review green building issues and core concepts of the LEED framework unique to the services and hospitality industry, as well as the key roles supporting sustainability in these settings. In addition, this course will provide the skills and knowledge for learners to become leaders in their organization's overall sustainability efforts and allow them to identify opportunities for growing this role in the future.