

SUSTAINABLE DESIGN AND DEVELOPMENT

A NON-CREDIT CERTIFICATE PROGRAM
OFFERED BY HOFSTRA UNIVERSITY OUTREACH

“Thank you for your time, professionalism, and quality of instruction. You are truly my compass in navigating the seas of LEED. Before your class I was overwhelmed and discouraged. You have relit my candle of motivation and confidence! Your real world experiences have really driven home what we are all trying to do and why we are trying to change the future through a more sustainable design approach.”

- Project Engineer



HOFSTRA
UNIVERSITY
CONTINUING EDUCATION

PEOPLE. PLANET. PROFIT.

PROGRAM INCLUDES LEED® Exam Prep

ABOUT THE CERTIFICATE PROGRAM

Maximize your career opportunities in today's green-collar economy with a Sustainable Design & Development Certificate from Hofstra. Equip yourself with the tools and techniques of sustainable practice. Lead the way in creating a more sustainable world, whether you work in the public, private, or nonprofit sector— or simply feel compelled to make a difference.

Prepare to meet the increasing demand for environmentally responsible solutions. Learn the benefits and business opportunities of protecting the planet, promoting efficiency, and promising a better quality of life in a green economy. Driven by real-world applicability, students learn the intricacies and responsibilities of sustainable design, and gain expertise in emerging ecological practices and principles as applied to various types of projects. Addressed throughout the program are key technical, ethical, economic, and aesthetic aspects of sustainability.

AREAS OF EMPHASIS

The following areas are emphasized throughout the program:

- Basics of Renewable Energy - Learn Solar
- Financial Incentives for Green Building
- Marketing your Product's Green Features
- Documenting LEED® Projects

Gain a thorough understanding of:

- USGBC's LEED® Rating Systems
- Energy Star
- Green Globes Program
- Home Energy Rater Services (HERS)
- Building Performance Institute (BPI)

WHY YOU SHOULD ATTEND

- Add credentials to your career with a non-degree certificate.
- Receive continuing education units and professional development hours from Hofstra University.
- Enhance your resume with the reputation of Hofstra University.
- Grow your client base and stand out in today's competitive business environment with the increased knowledge and credibility that comes with LEED® accreditation.
- Gain the skills and information to advance in the building profession and to get involved with the rapidly growing market for high-performance and sustainable buildings.
- Attend two convenient one-week programs, plus floating electives, to complete your certificate.

WHO WILL BENEFIT

The program is designed for those looking to begin or to build upon a career in sustainable design/construction: architects, builders, developers, contractors, interior designers, building owners, facility managers, realtors, planners, government officials, and property managers as well as people who wish to improve their communities. Many of the courses will be of interest to the general public.

PREPARING LEADERS FOR THE GREEN ECONOMY



Earn your LEED® Accreditation

THE HOFSTRA PROGRAM CONSISTS OF 3 PARTS

Hofstra University, in partnership with Everblue Training Institute, offers a Sustainable Design and Development Certificate Program. This program consists of 105 hours of classroom instruction covering topics of sustainability, green building, and renewable energy. From enrollment, participants have 12 months to complete the course requirements and earn this Certificate of Award.

REQUIRED COURSES:

PART 1: Intro to Sustainability/Green Building
35 hours (5 days) of classroom learning

Topics covered in this course include: Introduction to the Environmental and Economic Benefits of Sustainability and Green Building; Water Efficiency; Sustainable Materials Selection; Indoor Environmental Quality; Site Factors; Integrated Project Delivery; LEED and Energy Star Programs. Upon completion of this program participants may be well prepared to take the LEED 3.0 - Green Associate Exam.

PART 2: Green Design, Construction, & Operations
21 hours (3 days) of classroom learning

Topics covered in this course include: Principles of Sustainability and Green Building Related to Residential and Commercial Techniques and Structures; Energy Star Portfolio Manager; HERS and BPI Residential Energy Rating Systems; Common Construction Errors Reducing Comfort and Energy Efficiency; Commissioning and Third Party Verification

PART 3: Elective Courses
49 hours (7 days) of classroom learning

10 - 15 Elective Courses will be offered throughout the year. Participants will select those courses most appropriate to their individual needs and interests.

ELECTIVE COURSES INCLUDE:

- LEED AP+ Existing Buildings Operations and Maintenance Exam Prep Course
- LEED AP+ LEED for Homes Exam Prep Course
- LEED AP+ Building Design, Construction and Operations Exam Prep Course
- Basics of Solar
- Financial Incentives for Green Building
- Green Marketing
- Basics of LEED Consulting - Strategies
- Basics of LEED Consulting - Documentation
- Step up to LEED v3 2009
- Additional Electives May Be Added Throughout the Year

Certificate Requirements: Participants must complete Hofstra/Everblue Part 1, Part 2 and 7 days of Elective Courses (105 hours of classroom instruction) within one year (12 months) of enrollment in the first course. Candidates will select 7 days of elective courses based on specific interest and needs. Candidates will be required to attend all classroom sessions and complete in class learning activities with a passing score of 70% or better. Upon completion of all course requirements candidates may notify Hofstra University Outreach/Everblue and upon verification a Certificate of Award will be presented.

FALL 2009 - SPRING 2010 SCHEDULE

PART 1 (Fee \$1595):
November 9-13, 250 Hofstra University
University College Hall
Hempstead, NY 11549, 9 am - 5 pm
or February 1-5, 250 Hofstra University
University College Hall
Hempstead, NY 11549, 9 am - 5 pm

PART 2 (Fee \$995):
December 7-9, 250 Hofstra University
University College Hall
Hempstead, NY 11549, 9 am - 5 pm
or March 1-3, 250 Hofstra University
University College Hall
Hempstead, NY 11549, 9 am - 5 pm

PART 3: Participants will Select from 10 Elective Course Offerings (Multiple Dates/Locations)
Fees vary by choice of courses.
See ce.hofstra.edu for course listing, dates, locations and fees.

Enroll Today and earn your Sustainable Design & Development Certificate!

CE.HOFSTRA.EDU

Hofstra University
Hempstead, N.Y. 11549
ce.hofstra.edu



HOFSTRA
UNIVERSITY.

CONTINUING EDUCATION

“ I very much enjoyed your class and would recommend it to everyone. I have been a mechanical contractor for 30 years - I've done lots of design build, sit on a number of national committees, and have a PE on staff (my son who also took your class). We have done a number of LEED projects and your class has provided clarity for many items that some LEED AP's have been not quite so educated in. The information that I received will be invaluable to my clients. Thanks again and keep doing what you're doing.”

-- John D. Sedine