The Graduate Certificate in Sustainable Design

College of Architecture and Design
WHY PURSUE A GRADUATE CERTIFICATE IN SUSTAINABLE DESIGN?
Sustainable design creates communities and buildings that advance enduring public and environmental well-being. Its goals are to reduce the collective environmental impacts during the production of building components, during the construction process, as well as during the lifecycle of the building through such methods as efficiency of heating and cooling systems, alternative energy sources such as passive solar, appropriate building sitting, reused or recycled building materials, and on-site power generation.

WHY STUDY SUSTAINABLE DESIGN AT NJIT?
The New Jersey School of Architecture has taken the lead in preparing building designers to design green buildings with sustainable design strategies. Sustainability is an integral focus of environmental, economic, and socially responsible design that is increasingly being embraced by the business community. The Graduate Certificate in Sustainable Design recognizes the U.S. Green Building Council LEED Guidelines in setting sustainability goals and notes the Council’s actions that are transforming the market. As of June 2008 over 5700 design firms are members of the US Green Building Council and there are 43,000 LEED accredited professionals.

GAINFUL EMPLOYMENT DISCLOSURE
For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website at: http://adultlearner.njit.edu/programs/sustainabledesign-credential.php

WHAT WILL I LEARN?
The program expands the problem-solving skills of designers in new directions. Sustainability design tools are identified and applied in green building design strategies for sustainable sites, water efficiency, energy and atmosphere, materials and resources, and indoor environmental quality.

New insights will be useful in all stages of the building design and construction processes. Upon completion of the certificate the designer will be able to take a leadership role in developing the green strategies that define a sustainable building. The production of green buildings requires a coordinated design by a team of planners, designers, constructors, and building operators. This certificate program prepares designers for an integrated approach that yields a more comfortable and productive building at a lower total.

WHAT COURSES ARE OFFERED?
ARCH 663 Introduction to Sustainable Architecture
ARCH 664 Indoor Environment Quality in Sustainable Design Buildings
ARCH 665 Sustainable Design of Energy Efficient Building
ARCH 666 Sustainable Design with Efficient Materials and Resource

Complete course descriptions can be found in the NJIT Online Catalog at http://catalog.njit.edu/graduate.

*Now or shortly available online.
Courses are subject to change.
√ Take care to select courses in proper order. Check course descriptions, because they state if one course must be taken before (i.e.; is a prerequisite to) another.

WHERE ARE THE CLASSES OFFERED?
All courses are available at NJIT's Newark campus. Customized NJIT degrees and academic certificates can be brought on-site at your company or customized and conducted at a location convenient to a consortium of companies.

WHAT IS THE TUITION FOR GRADUATE COURSES?
Use the tuition calculator to see the cost of your education quickly and easily. Visit: http://adultlearner.njit.edu/costs.

IS FINANCIAL AID AVAILABLE EVEN FOR PART-TIME STUDENTS?
Yes, sources of financial aid or tax credits are available at: http://adultlearner.njit.edu/costs.

CAN THE GRADUATE CERTIFICATE CREDITS BE APPLIED TO AN ADVANCED DEGREE?
Courses in the Graduate Certificate program in Sustainable Design can be wholly applied to NJIT’s MS in Architecture or MS in Architectural Studies.

HOW DOES THE GRADUATE CERTIFICATE PROGRAM WORK?
In any given year, NJIT offers a new slate of Graduate Certificates, each in a specific area which is in a fast growing and employable profession. Each stand-alone credential is a milestone in its own right and can be a 12-credit springboard to a matching Masters Degree program at NJIT or elsewhere. The credential can be completed in as little as one academic year of part time study. Many can be studied in whole or in part online. The straightforward and rapid admissions process requires possession of an undergraduate degree with a satisfactory grade point average. A GRE or GMAT score is not a prerequisite. Depending on the program, courses can be taken online, on campus, or at NJIT extension sites around New Jersey. For a complete list of available Graduate Certificates, please visit: http://www.njit.edu/gradcert.

BRINGING A GRADUATE CERTIFICATE TO YOUR COMPANY
Arrangements can be made to bring a Graduate Certificate or

FOR FURTHER INFORMATION:
Division of Continuing Professional Education
1-800-624-9850 (Toll Free)
1-973-596-3060 (New Jersey)
Email: cpe@njit.edu

ON THE WEB:

APPLY ONLINE:
http://adultlearner.njit.edu/admissions