The Graduate Certificate in Web Systems Development
Entirely Online and In Class

Department of Information Systems
College of Computing Sciences

New Jersey Institute of Technology
2015
WHY PURSUE A GRADUATE CERTIFICATE IN WEB SYSTEMS DEVELOPMENT?
The Internet and the World Wide Web are the most transformative inventions of our time, and NJIT's graduate certificate in Web Systems Development provides a core set of knowledge and skills to develop Web-based application systems. Topics covered include information retrieval, multimedia systems, open source web design, web mining, web services, middleware, and authentication. The program is designed to produce web-savvy system developers for career and knowledge advancement or to open pathways for individuals not yet in the web development community.

WHY STUDY WEB SYSTEMS DEVELOPMENT AT NJIT?
With one of the most computing intensive campuses in the world, NJIT is a pioneer in the application of new technologies as learning tools. The College of Computing Sciences educates one of the largest groups of computing students in the nation and has outstanding faculty dedicated to preparing students for exciting careers in this field. NJIT has been recognized by the Computing Accreditation Commission of ABET, the top national accreditation body for computing education. The university educates one of the largest groups of information technology students in the nation. Not coincidentally, New Jersey is one of the leading states for computing and high technology businesses. Thirty of the nation's fastest growing technology companies are based in the state.

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/websystemsdevelopment-cert-ge.php

WHAT WILL I LEARN?
This certificate provides a foundation and knowledge to allow competition in an ever changing technical world. The program focuses on java programming and other object-oriented software development which are used in the construction of web systems. Various media such as text, images, video and audio are covered in order to produce a rich and rewarding web experience. Techniques essential for building databases, document processing, and information management systems are covered so that the web system is dynamic and data driven.

WHAT COURSES ARE OFFERED?
CS 602 Java Programming*
IS 631 Enterprise Database Management*
IS 634 Information Retrieval
IS 683 Web Systems Development*
IS 688 Web Mining*
IS 690 Web Services and Middleware*

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?
The full credential can be studied online and at NJIT’s Newark campus. Customized NJIT degrees and academic certificates can be brought on-site to 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 full costs, and the fuel saving calculator to figure how much gas money is saved by studying online, visit: http://adultlearner.njit.edu/admissions/financialaid.

IS FINANCIAL AID AVAILABLE?
There may be sources of financial aid or tax credits available: http://adultlearner.njit.edu/admissions/financialaid/index.php

CAN THE GRADUATE CERTIFICATE BE APPLIED TO AN ADVANCED DEGREE?
Courses in the Graduate Certificate program in Web Systems Development can be wholly applied to NJIT’s MS in Information Systems, MS in Web Systems and partially to the MS in Computer Science.

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 online, in whole or partially. 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 pre-requisite. 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 Master’s program on-site to your company. A customized Graduate Certificate can also be offered to match your company’s area of technological and managerial specialty. For more information about Company Collaborative Graduate Certificates or enrollment in any of our Graduate Certificates, please contact Continuing Professional Education.

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