



NEW YORK CITY COLLEGE OF TECHNOLOGY

THE CITY UNIVERSITY OF NEW YORK

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OFFICE OF INSTITUTIONAL ADVANCEMENT

FOR IMMEDIATE RELEASE

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Computer Security, Bioinformatics, and Forensic Science & the Legal Process Top City Tech's New & Innovative Course Offerings This Fall

Brooklyn, NY -- August 15, 2005 -- New York City College of Technology/CUNY has added new and innovative courses in several subject areas to give students a leg up in dealing with the realities of the complex technological society in which we live.

Highlights include:

Computer Security

An introduction to security issues facing computer professionals today. Students will acquire the knowledge and skills on how to maintain the integrity, authentication models, certificates, group policy, cryptography, and access control. It also introduces the fundamental security issues of programming, database and web server. Other topics include how to monitor the system for suspicious activity and fend off attacks to keep spies and Spam out of e-mail, take control of security by encrypting data, design Active directory, blocking sports and locking down the registry. Offered by the Department of Computer Information Systems.

Elements of Bioinformatics

An introduction to modern biology using internet-based information, databases and tools. A study of the fundamental principles of molecular and structure analyses used in Human Genome Project, biotechnology and pharmaceutical industries. Offered by the Department of Physical and Biological Sciences.

Forensic Science and the Legal Process

Forensic science is the application of science to the law and encompasses various scientific disciplines. Students will be provided with detailed knowledge of subjects underpinning forensic science in the broad areas of biology, chemistry and investigation. They will explore ways in which a forensic case is investigated on the scene and in the laboratory. It will also look at techniques used by forensic biologists and chemists, and discuss many examples of criminal cases where forensic evidence was of particular importance. Offered by the Department of Law and Paralegal Studies.

The Emerging Global Society

This course will explore the forces that drive globalization as well as the social, economic, political and ecological dimensions of the globalization process. A number of social issues related to global inequality will be discussed, including population growth, hunger and poverty, environmental degradation and the rise of ethnic conflicts. Offered by the Department of Social Science.

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Pathophysiology

A study of the alteration of human organism function in disease including common body responses and manifestations of major disorders of neurological, endocrine, reproductive, hematologic, cardiovascular, pulmonary, digestive and other organ systems. Offered by the Department of Physical and Biological Sciences.

In addition, the College has beefed up its Department of Humanities offerings with the following courses:

American Sign Language I and II

Level 1 is designed to develop skill in a form of manual communication used primarily by American-born deaf persons in interpersonal relations. Level 2 students develop communication style, learn more language skills and experience longer, more complex interactions with community members. Emphasis will continue to be placed on the use of the body for visually based communication, and the structure, vocabulary and development of American Sign Language.

The History of Graphic Design

The major designers, and the aesthetic and technical developments in print media from antiquity to the present, will be studied in their cultural and artistic contexts. Renaissance to modern practices will be extensively examined.

History of Technology

The history of major technologies from the beginning of humankind to the present day. The course will begin with the uses of technology by prehistoric peoples and will continue with the use of technology by the ancient civilizations of the Mesopotamians, the Egyptians, the Greeks and the Romans. The course will then consider technological development during the Middle Ages and the Renaissance. It will conclude with the study of the Industrial Revolution and its impact on modern society.

For more information about City Tech, please call 718.260.5500.

New York City College of Technology (City Tech) of The City University of New York is a recognized national model for urban technological education and a pioneer in integrating technology into the teaching/learning experience. The largest public college of technology in New York State, City Tech enrolls more than 11,800 students in 56 baccalaureate, associate and specialized certificate programs in the technologies of art and design, business, computer systems, engineering, entertainment, health care, hospitality, human services, the law-related professions, occupational and technology teacher education, and the liberal arts and sciences. Another 12,400 students enroll annually in adult education and workforce development programs, many of which lead to licensure and certification. Located at 300 Jay Street in Downtown Brooklyn, City Tech is at the MetroTech Center academic and commercial complex and is convenient to all public transportation.

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