

Computer Forensics and Electronic Discovery

Computers are a primary mode of communication, organization, data storage, research, and commerce. As such, they are also a principle component of crime. Computers are used as weapons, and people's computers can be victimized.

This Certificate program teaches students to search a computer's memory for hidden or deleted files as evidence for investigation or a court case, and teaches the legal context for investigation and prosecution of cyber crime.

Career Opportunities

The need for computer forensics specialists is growing rapidly, particularly in the private sector. Corporations are spending (and due to emerging laws of discovery, must spend) considerable amounts of money on computer, Internet, and digital security and investigation.

However, law enforcement organizations (from Philadelphia Police Department, to the FBI, to private, for profit security firms serving corporate clients) have not been able to keep pace with the technology training required.

Curriculum

The curriculum is a 6-course (18 credit) undergraduate Certificate offered through the School of Continuing and Professional Studies, in an accelerated format. Courses are scheduled one night a week from 5:30 pm - 10:00 pm and run for eight weeks. Completion of the Certificate program requires completion of all six courses.

The Certificate curriculum is designed to serve two purposes: 1) develop understanding of the laws, in the context of computers and digital technologies, regarding criminal investigations and production of electronic discovery in civil matters; and 2) develop technical knowledge of digital forensics to pursue the acquisition of digital evidence in the criminal and civil arenas.

Admissions Requirements

Students must have a high school diploma to enroll in this program. Basic computer proficiency is also required, including knowledge of Microsoft Word and facility with the Internet. Students unable to demonstrate proficiency through prior college experience can schedule a computer proficiency exam through Chestnut Hill College.



2011-2012 Course Schedule

Fall I / August 22, 2011 - October 15, 2011

INTRO TO DIGITAL FORENSICS AND CYBER CRIME - Wednesdays 5:30 pm - 10:00 pm

Fall II / October 17, 2011 - December 10, 2011

ELECTRONICALLY STORED INFORMATION: CIVIL AND CONSTITUTIONAL ISSUES I

Tuesdays 5:30 pm - 10:00 pm

DIGITAL FORENSICS IN THE LAB I - Wednesdays 5:30 pm - 10:00 pm

Spring I / January 2, 2012 - February 25, 2012

ELECTRONICALLY STORED INFORMATION: CIVIL AND CONSTITUTIONAL ISSUES II

Tuesdays 5:30 pm - 10:00 pm

DIGITAL FORENSICS IN THE LAB II - Wednesdays 5:30 pm - 10:00 pm

Spring II / February 27, 2012 - April 21, 2012

OBTAINING ELECTRONICALLY STORED INFORMATION IN CRIMINAL AND CIVIL CASES: PRACTICAL APPLICATIONS

Tuesdays 5:30 pm - 10:00 pm

Faculty

LEONARD DEUTCHMAN, JD, is co-founder, General Counsel and Administrative Partner at LDiscovery, LLC, Legal and Technology Consulting. Before helping to start LDiscovery, he was Chief of the Economic & Cyber Crime Unit of the Philadelphia DA's Office. He has lectured extensively on computer forensics and investigations, and his expertise in computers led to his appointment as co-chair of the Computer Forensics Section of the Homeland Security Subcommittee of the Pennsylvania Commission on Crime and Delinquency (PCCD).

CHRISTOPHER A. TANKELEWICZ is the Director of the Technical Services Unit of the Philadelphia District Attorney's Office. In this capacity he supervises the Technical Services Unit conducts, legal wiretaps, participates in cellular phone forensics investigations, and performs consensual electronic surveillance. He has worked on joint efforts with Homeland Security and the Federal Bureau of Investigations. He has been trained in wiretapping, video and audio forensics, and hostage negotiations.

Cost

Total cost for the Certificate in Computer Forensics and Electronic Discovery is \$8,685. Students may qualify for part-time financial aid by submitting a Free Application for Federal Student Aid (FAFSA) at www.fafsa.ed.gov. Courses are charged to students' accounts on a per semester basis. Textbooks are not included.

Discounts do not apply to this program.

FOR MORE INFORMATION

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Chestnut Hill College

School of Continuing and Professional Studies

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