DIGITAL FORENSICS CONCENTRATION

Why Enroll in the Digital Forensics Concentration?

- Low student/teacher ratio in all classes
- Access to **new equipment and instrumentation**
- Unmatched personal attention to academic advisement
- Opportunity to learn from **top-notch professors who have real-world experience** in a digital forensic setting
- Job search guidance in the profession
- Expanded job opportunities after graduation: "*According to the Department of Labor, demand is expected to grow 22% over the next decade for investigators which is much faster than average. This is due to the high rise in criminal activity on the Internet to include fraud, harassment, copyright infringements, identity theft, and privacy infringements.*" Infosecinstitute.com

The Digital Forensic concentration is available to students at Hilbert College who are interested in learning more about computer-based information applied to legal matters. The concentration is comprised of three computer courses and 2 digital forensic courses, some held in Hilbert's new, modern computer laboratory classroom. Together these five courses will provide more in depth exposure to fundamental principles in the use of computers in legal investigations. This concentration is available to students in all majors, though it is likely of particular interest to students in the Forensic Science/CSI department who wish to obtain a stronger computer-based foundation than what is required for their major.

Coursework includes one semester of computer systems (covering computer architecture and operating systems), one semester of computer networking, one semester of computer crime investigation (covering procedures and techniques of data recovery involved in criminal investigations), one semester of computer forensics (covering data seizure, imaging and analysis) and one semester of Advanced Mobile Device Forensics. All courses in the concentration are three credits. Additionally, the courses in the concentration do not require prior exposure to computers as they are designed to be taken sequentially: initially introducing students to foundational concepts and material and progressing to more advanced applications of concepts in later courses. In line with FEPAC course recommendations (Forensic Science Program Accreditation Commission).

www.thepcmdgazette.com

SAMPLE COURSE SEQUENCE:

First, Spring, Semester in the Concentration:

- CIS 170 Computer Systems: Computer Architecture & Operating Systems

Second, Fall , Semester in the Concentration:

- CIS 270 Introduction to Computer Networking
- FS 302 Computer Crime Investigations

Third, Spring, Semester in the Concentration:

- ECI 360 Computer Forensics

Fourth, Fall, Semester in the Concentration:

- FS 404 Advanced Mobile Device Forensics

Students completing the digital forensics concentration will be better prepared for a variety of careers and graduate school opportunities including:

- Digital Forensic Analyst
- Digital Forensic Technician
- Electronic Discovery Technician
- Computer Forensic Analyst

For more information contact:

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