



DAVIS COLLEGE

4747 Monroe Street
Toledo, OH 43623

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Computer Forensics Diploma

The Computer Forensics Diploma program is designed to provide students the technical skills and knowledge in computer forensic science to prepare them for entry level positions in both the public and private sectors. Students will utilize computer skills for the purpose of detection and prevention of computer crime. Principles, procedures, techniques, hardware and software tools used to collect, investigate, and analyze digital evidence related to criminal investigations will be addressed in this program.

In order for a student to be accepted into the program, he/she will be required to complete a background check by the Ohio Bureau of Criminal Investigation and Identification. Individuals who have been Ohio residents for less than five years are also required to complete a Federal Bureau of Investigation check. The student will assume the cost for all background checks.

A combined score of 110 or higher in Language Usage and Reading portions of the CPA is also required for admission into this program.

Upon completion of the Diploma in Computer Forensics, the Davis College graduate will be prepared to:

- Understand the science of forensics, cybercrimes, and authorized handling of evidence and confidential documents.
- Describe the differences between the various file systems within computers running Windows, Linux, Unix, and Apples as well as the hardware required to operate in the different environments.
- Identify the various layers used to build computer networking and utilize the necessary tools to monitor, trace, and collect data.
- Demonstrate an understanding of system infiltration and security measures, utilizing assessment tools to determine viruses and malware.
- Use oral and written communication skills to document findings and create reports.

Program Outline

Course No.	Course Title	Cr. Hrs.
CIS141	Computer Concepts and Diagnostics	3
CIS142	Networking Concepts and Diagnostics	3
CIS153	Network Software: Windows 2008 Server	3
CIS155	Open Source Software	3
CIS158	Administering MS Windows 7	2
CIS228	Network Security and Administration	2
CIS240	Routing Concepts	3
CIS243	Computer Forensics	3
CIS245	File Systems	3
CIS247	Network Forensics and Documentation	3
CIS249	Concepts of System Infiltration	3
CIS250	IT Project	2
CAS/CIS/WPR	Technical Elective	3
MGT102	Introduction to Business	5
OAM223	Business Communication	4
COM121	Composition I	5
COM122	Composition II	4
COM---	Communication Elective (COM201 or COM202)	4
IDS110	Forum on Technology and Resources	5
Total Program Credit Hours		63