

DIGITAL FORENSICS CERTIFICATE OF GRADUATE STUDIES

The study of digital forensics encompasses an array of skills including acquiring, extracting, and analyzing data that is necessary for criminal investigation and civil litigation. In addition to criminal and civil investigations, forensic science plays a major role in intelligence and counterterrorism matters..

The Certificate of Graduate Studies in Digital Forensics will enable students to satisfy all of the following concentration objectives:

1. To acquaint students with computer network architecture, proper evidence collection and storage, and federal rules and criminal codes;
2. To understand how foreign state sponsored threat actors target certain institutions and companies;
3. To introduce students to network traffic analysis, web log analysis, malware reverse engineering, and cyber infrastructure analysis;
4. To instruct each student on how to navigate networks, servers, and mass data as well as how to utilize common digital forensic tools.

Students must complete the following courses:

Code	Title	Credits
CJC-526	Principles of Digital Forensics	3
CJC-529	Advanced Digital Forensics	3
Select two of the following:		6
CJC-537	Network Forensics	
CJC-545	Mobile Forensics	
CJC-546	Insider Threat	
CJC-581	Special Topics	
Total Credits		12