

DIGITAL FORENSICS CERTIFICATE OF ACHIEVEMENT

This certificate provides graduates with the skills needed to prepare, execute, and document digital forensic plans for common information technologies. Students receive extensive hands-on experience and develop the knowledge and abilities necessary to implement a detailed and methodological approach to digital forensics and evidence analysis that also pivots around Dark Web, IoT, and Cloud Forensics. This program also provides preparation for several nationally recognized, high demand certifications in the field of Cybersecurity.

Required Courses

Course Number	Course Name	Units
CSC 116	Information and Communication Technology Essentials	4
CSC 117	Computer Network Fundamentals	3
CSC 118	Introduction to Information Systems Security	3
CSC 152	Network OS and Administration	3
CSC 156	Digital Forensics Fundamentals	3
CSC 161	Cloud Infrastructure and Security	3

Plus 3 additional units selected from the following

Course Number	Course Name	Units
BUS 107	Customer Service	3
BUS 134	Human Relations in Business	3
BUS 170	Business Communication Skills for Managers	3

Total units required for Certificate

22

Program Level Student Learning Outcomes:

1. Define best practices for computer forensics investigations.
2. Define the requirements for proper evidence collection, chain of custody and investigation reporting.
3. Apply appropriate tools and methodologies to identify the footprints of a breach and collect evidence for a prosecution.
4. Select the proper data acquisition and examination processes for any given set of conditions.
5. Explain and apply malware forensic processes to digital forensics.

Career Opportunities in COMPUTER SCIENCE

This program prepares students for careers in the digital forensics cybersecurity field. Some common job titles and careers for this certificate include forensic analysts, cybercrime investigators, cyber defense forensic analysts, incident responders, information technology auditors, malware analysts, and security consultants.