

# PROGRAM OF STUDY



## Digital Forensics and Incident Response Certificate of Achievement

The Certificate of Achievement in Digital Forensics and Incident Response will provide students with a solid foundation in the field of cybersecurity with specialization in cyber defense techniques. The program is designed to prepare students for entry-level cyber jobs or to help them advance into mid-level cyber careers, such as cybercrime analyst, cyber incident analyst, cyber incident responder, digital forensic examiner, digital forensic technician, and vulnerability tester. Topics covered include planning and scoping a cyber incident, domestic and international cyber laws, ethics, chain of custody, incident detection and analysis, anti-forensic techniques, timeline analysis, incident containment, eradication, recovery, report preparation, and expert testimony. The program includes hands-on and technical writing assignments to help students develop their skills for the cybersecurity workforce.

### Career Opportunities in Cybersecurity

Professional Services, Manufacturing & Defense, Finance and Insurance, Information Systems, Health Care, Public Administration, and Retail Trade. Digital Forensic Analyst, Digital Forensic Examiner, Digital Forensic Investigator, Digital Forensic Technician, Penetration and Vulnerability Tester, Cyber Crime Analyst, Cyber Crime Investigator, Cyber Incident Analyst, Computer Information Systems Manager, Cyber Incident Handler, and Cyber Incident Responder.

<b>Required Core Courses</b>		<b>Units</b>
CYBR C150	Introduction to Digital Forensics	3.0
	<b>OR</b>	
CST C245	Introduction to Digital Forensics	3.0
CYBR C160	Introduction to Incident Response	3.0
CYBR C170	Cybercrime and CSIRT Coordination	3.0
CYBR C250	Intermediate Digital Forensics	3.0
CYBR C260	Intermediate Incident Response	3.0
CYBR C280	Advanced Digital Forensics & Incident Response Capstone	3.0
<b>Subtotal</b>		<b>18.0</b>