CYBER SECURITY MASTER CERTIFICATE

PROGRAM CODE: 2C36690

The **Cyber Security Master Certificate** is designed to prepare students who intend to pursue employment in cybersecurity/forensics positions. The program provides a comprehensive knowledge and training in technical and managerial skills to analyze cybersecurity threats from a variety of perspectives at the enterprise and national levels. This certificate option requires completion of the Cyber Security Analyst and Technician Certificates and additionally provides advanced courses in ethical hacking, incident response, application security, and information security management.. This certificate requires 34 units of required courses. A grade of C or better is required in each course taken.

Code	Title	Units
Required Courses (13 units) from Cyber Security Technician Certificate		
CIS 107 F	Introduction to Operating Systems	3
CIS 180 F	Introduction to Networking Concepts	4
CYBR 100 F	Cyber Hygiene	3
CYBR 106 F	Introduction to Cybersecurity	3
Required Courses (9 units) from Cyber Security Analyst Certificate		
CIS 290 F	Linux and UNIX Operating System	3
CYBR 210 F	Network Security	3
CYBR 230 F	Scripting Fundamentals	3
Required Courses (12 units):		
CYBR 206 F	Ethical Hacking	3
CYBR 220 F	Introduction to Incident Response	3
CYBR 233 F	Application Security	3
CYBR 290 F	Management of Info Security	3
Total Units		**34**

Outcome 1: Demonstrate expertise in cybersecurity to assess and implement continuous network monitoring and provide real-time security solutions.

Outcome 2: Demonstrate expertise in cybersecurity to formulate, update, and communicate organizational cybersecurity strategies and policies.

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