CYBER SECURITY ANALYST CERTIFICATE

Division: Business and Computer Information Systems

PROGRAM CODE: 2C36689A

The **Cyber Security Analyst Certificate** is designed to prepare students who intend to pursue employment in entry-level cyber security/forensics positions. The program provides additional technical and managerial skills to analyze cyber security threats from a variety of perspectives at the enterprise and national levels. This certificate option requires completion of the Cyber Security Technician Certificate and additionally provides advanced courses in ethical hacking, cyber-security tools, and networking. A grade of C or better is required in each course taken. This certificate requires 21 units.

Code	Title	Units
Required Courses - Cyber Security Technician (12 units):		
CIS 107 F	Introduction to Operating Systems	3
CIS 109 F	Personal Computer Security	2
CIS 160 F	Introduction to Cyber Security (formerly Introduction to Computer Forensics)	3
CIS 180 F	Introduction to Networking Concepts	4
Required Courses (9 units):		
CIS 183 F	Network Security Fundamentals	3
CIS 222 F	Computer Scripting (formerly CGI/Perl Scripting)	3
CIS 290 F	Linux and UNIX Operating System	3
Total Units		**21**

Outcome 1: Use a working vocabulary of cyber security technology.

Outcome 2: Formulate, update and communicate short- and long-term organizational cyber security strategies and policies.

Outcome 3: Measure the performance of security systems within an enterprise level information system.

https://www.curricunet.com/fullerton/reports/program_report.cfm?programs_id=1192