Embedded Certificate Requirements: Cybersecurity (214)
(Embedded in Bachelor of Science in Information Technology)
School of Arts and Sciences
Department of Computing and Mathematical Sciences
Catalog Year: 2023–2025

Embedded Certificate Requirements (32 hours)

Required Courses (17 hours)
IT 1013 Introduction to Computer Systems (FA, SP)
IT 1063 Introduction to Networking (FA, SP)
IT 1414/L Programming I/Lab (SP) **OR** CS 1314/L Computer Science I/Lab (FA, SP)
IT 2064/L Internetworking Technologies/Lab (FA, SP)
IAS 2233 Introduction to Information Assurance/Security (FA, SP)

15 Hours from the following courses:
IT 1733 Linux/Unix/Windows
IAS 2333 Computer Forensics
IAS 3063 Information Assurance Networking Fundamentals
IAS 3233 E-Commerce and Web Security
IAS 3263 Security Architecture and Design
IAS 4063 Current Topics: Information Assurance/Network Security

Graduation Requirements

Retention GPA 2.0
Cameron GPA 2.0
Minimum of 8 Credit Hours in Residence at CU