Course Outcome Summary
Required Program Core Course

CIA 107 Cybersecurity Principles II

Course Information
Division Business
Contact Hours 45
Total Credits 3

Prerequisites CIA 103

Course Description
The intent of Cybersecurity Principles II is to provide students with basic security design fundamentals that help create systems that are worthy of being trusted, to provide students with a basic understanding of the components in an information technology system and their roles in system operation, and to provide students with a basic ability to understand where and how cryptography is used.

This course is a required core course for students pursuing a(n)

AAS Cybersecurity and Information Assurance

Course Outcomes
In order to evidence success in this course, students will be able to:

1. CIA 107 CSLO 01 - Define the principles of cybersecurity.
2. CIA 107 CSLO 02 - Describe the hardware components of modern computing environments and their individual functions.
3. CIA 107 CSLO 03 - Describe the basic security implications of modern computing environments.
4. CIA 107 CSLO 04 - Identify the elements of a cryptographic system.
5. CIA 107 CSLO 05 - Describe which cryptographic protocols, tools and techniques are appropriate for a given situation.

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