



MONROE COUNTY
COMMUNITY COLLEGE

Course Outcome Summary

Required Program Core Course

CIA 103 Information Security Principles

Course Information

Division	Business
Contact Hours	45
Total Credits	3

Pre-requisite or Co-requisite

CIS 130 Introduction to Computer Information Systems

Course Description

This course provides an introduction and overview of information security/assurance for incoming students. This course will enhance technical, communication, problem-solving, and teaming skills related to the study of Information Security and Information Assurance. This course will also cover a broad spectrum of pertinent IS/IA base information, including voice and data network connectivity. In addition, an introduction to cryptography, intrusion detection systems, data firewalls, malicious software, information operations, warfare, denial of service attacks, regulations, laws, and governance.

This course is a required core course for students pursuing an:

AAS in Cybersecurity and Information Assurance

AAS in PC Support Technician

AAS in System Administration Specialist

Course level Student Learning Outcomes

To evidence success in this course, the students will be able to:

CIA 103 CSLO 01 - Examine and apply the fundamental computer security techniques.

CIA 103 CSLO 02 - Identify and explain risk and potential security issues.

CIA 103 CSLO 03 - Demonstrate responsible computer use as it deals with social, political, legal, and ethical issues in today's electronic society.

CIA 103 CSLO 04 - Demonstrate foundation knowledge of information security/assurance within the organization.

CIA 103 CSLO 05 - Demonstrate knowledge of the profession, its organizations, goals and leadership roles, literature/publications, issues, and research foundations.

CIA 103 CSLO 06 - Demonstrate knowledge of security objectives and policy development.



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Program Outcomes Addressed by this Course:

Upon successful completion of this course, students should be able to meet the program outcomes listed below:

Cybersecurity and Information Assurance

CIA 103 CSLO 01 - Examine and apply the fundamental computer security techniques.

Applies to PSLO 05 - Examine the fundamental techniques of computer security

CIA 103 CSLO 02 - Identify and explain risk and potential security issues.

Applies to PSLO 06 - Identify and explain risk and potential security issues.

CIA 103 CSLO 04 - CIA 103 CSLO 04 - Demonstrate foundation knowledge of information security/assurance within the organization

Applies to PSLO 05 - . Students will be able to explain access controls.

CIA 103 CSLO 05 - Demonstrate knowledge of the profession, its organizations, goals and leadership roles, literature/publications, issues, and research foundations.

Applies to PSLO 09 - Demonstrate knowledge of the profession, its organizations, goals and leadership roles, literature/publications, issues, and research foundations.

CIA 103 CSLO 06 - Demonstrate knowledge of security objectives and policy development.

Applies to PSLO 07 - Demonstrate responsible computer use as it deals with social, political, legal, and ethical issues in today's electronic society

CIA 103 CSLO 06 - Demonstrate knowledge of security objectives and policy development.

Applies to PSLO 10 - Demonstrate knowledge of security objectives and policy development



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PC Support Technician

CIA 103 CSLO 01 - Examine and apply the fundamental computer security techniques.

Applies to - Demonstrate a basic understanding of networks and computer security in the business environment.

System Administration Specialist

CIA 103 CSLO 01 - Examine and apply the fundamental computer security techniques.

Applies to PSLO 05 - Identify and explain risk and potential security issues.

CIA 103 CSLO 02 - Identify and explain risk and potential security issues.

Applies to PSLO 06 - Identify and explain potential security issues

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