

**WILMINGTON UNIVERSITY
COLLEGE OF TECHNOLOGY
BASIC COURSE INFORMATION**

COURSE NUMBER:

COURSE TITLE: Fundamentals of Cyber Security

I. MAJOR INSTRUCTIONAL OBJECTIVES:

Objective A:

Objective B:

Objective C:

Objective D: Discuss the tools and techniques of computer cyber security

II.

Learning Objectives
1. Identify the components of a computer system.
2. Explain the role of the operating system.
3. Describe the various types of malware.
4. Discuss the importance of security updates.
5. Explain the concept of a firewall.
6. Describe the role of an intrusion detection system.
7. Explain the importance of data backup.
8. Discuss the role of a security policy.
9. Explain the concept of a security audit.
10. Describe the role of a security incident response plan.

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