

**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 types of malware
4. Discuss the importance of security updates
5. Explain the role of firewalls
6. Describe the types of network attacks
7. Discuss the importance of secure communication
8. Explain the role of encryption
9. Describe the types of authentication
10. Discuss the importance of user education

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