

**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 importance of user education**  
**10. Describe the role of a security audit**

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