

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

**COURSE TITLE:** Web and Data Security

**COURSE NUMBER:** SEC 410

**I. MAJOR INSTRUCTIONAL OBJECTIVES:**

**Objective A:** Network Security and Firewalls

A-1: Learn about establishing an effective security policy, identifying different types of hacker activities, understanding the hacker's mind-set, and preventing and managing hacker penetration.

A-2: Learn about authentication procedures, encryption standards and implementations, ports and protocols that hackers manipulate.

A-3: Learn how to engage in proactive detection and response/reporting methods.

**Objective B:** Operating system security

B-1: Learn about issues such as protecting a current Windows server environment and Linux systems from attacks.

B-2:

