

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

COURSE TITLE: Intrusion Detection (IDS) and Intrusion Protection (IPS)

COURSE NUMBER: CYB 6030

I. COURSE OBJECTIVES:

GOAL A: Gain basic knowledge of Intrusion Detection (IDS) and Intrusion Protection (IPS) concepts.

A-1 Define basic IDS and IPS terminology.

A-2 Compare and contrast IDS and IPS.

A-3 Define basic network monitoring strategies.

GOAL B: Ability to analyze and evaluate enterprise perimeter security protection strategies.

B-1 Evaluate various security strategies

B-2 Analyze the strengths and weaknesses for various strategies

B-3 Evaluate the risk profile associated with enterprise protection strategies

GOAL C: Gain knowledge of security strategies for monitoring enterpris

II. CLASS PARTICIPATION:

Students are expected to attend class and participate actively and in a positive way. Questions and relevant observations are encouraged and enrich the experience of the entire class. Computers in the classrooms are intended to be used as tools to enhance the students' learning experience. Instant messaging, gaming, emailing, and surfing the web are distractions to the student, the surrounding students, and the instructor and constitute inappropriate behavior. Students are ethically obliged to avoid these and similar practices.