

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

COURSE TITLE: PHP Application Development

COURSE NUMBER: CSC 306

I MAJOR INSTRUCTIONAL OBJECTIVES

Objective A: Demonstrate comprehension of web application development.

A-1: Be able to define common terms and concepts associated with web applications.

A-2: Understand the basic principles of layered architectures; be able to design and construct well-formed, multi-tiered solutions for simple web applications using PHP.

A-3: Understand how to maintain state in a web application; be able to create and use cookies and session objects.

A-4: Understand user management and authentication; be able to write multi-user applications.

A-5: Understand basic web application security; be able to construct and deploy secure applications using PHP and the Apache web server.

Objective B: Demonstrate comprehension of database applications.

B-1: Be able to define terms and concepts associated with database applications.

B-2: Be able to connect a PHP application to a MySQL database.

B-3: Be able to write and execute embedded SQL in a PHP program to select, insert, update, and delete data in a MySQL database.

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.