

**WILMINGTON UNIVERSITY  
COLLEGE OF TECHNOLOGY  
MASTERS OF SCIENCE - INFORMATION SYSTEMS TECHNOLOGIES  
BASIC COURSE INFORMATION**

**COURSE TITLE:** Foundations of IST

**COURSE NUMBER:** IST 5500

**I. MAJOR INSTRUCTIONAL GOALS**

**GOAL A: Become familiar with basic concepts of Information Technology and Information Systems.**

**Learning Outcomes** - The student will be able to:

- A-1. Define terms and concepts associated with Information Technology.
- A-2. Define terms and concepts associated with Information Systems.
- A-3. Demonstrate knowledge of basic concepts in networking, databases, and computer technology.

**GOAL B: Understand the value of IT/IS to the business.**

**Learning Outcomes** - The student will be able to:

- B-1. Describe the function of Information Technology and Information Systems in business organizations.
- B-2. Demonstrate understanding of business processes for strategic advantage.
- B-3. Demonstrate understanding of the people component in Information Systems.
- B-4. Describe the phases of the Information System implementation process.

**GOAL C: Become familiar with the various components of an Information System.**

**Learning Outcomes** - The student will be able to:

- C-1. Describe the interaction of hardware and software in Information Systems.
- C-2. Demonstrate understanding of the role of an Information System in turning data into information.
- C-3. Demonstrate understanding of basic computer networking concepts.
- C-4. Describe the role of security in Information Systems technologies.

**II. SUPPLEMENTAL OBJECTIVES**

**GOAL D: Become familiar with the American Psychological Association (APA) f) f) f) fmentatiCT**

