WILMINGTON UNIVERSITY
COLLEGE OF TECHNOLOGY
BASIC COURSE INFORMATION

COURSE TITLE: Project Management and Practice

COURSE NUMBER: ISM 450

I. MAJOR INSTRUCTIONAL GOALS:
   (Instructor may add goals to be included in the Basic Course Information)

GOAL A: Demonstrate comprehension of the Systems Development Life Cycle.

Learning Outcomes - The student will:

A. The triple constraint of project management
B. The project management knowledge areas and process groups
C. Be able to define terms and concepts associated with the SDLC.
D. Understand the SDLC phases and the activities that comprise each phase.
E. Understand the principles of quality assurance and their application in each phase of the SDLC.

GOAL B: Demonstrate comprehension of systems development methodologies.

Learning Outcomes - The student will:

A. Be able to define terms and concepts associated with systems development methodologies.
B. Understand the appropriate use of each development methodology.
C. Understand the fundamental principles of project management and how they relate to development methodologies.

GOAL C: Tools and techniques to deal with Project Management.

Learning Outcomes - The student will:

• Tools and techniques of project management such as:
  ▪ Project selection methods
  ▪ Work breakdown structures
  ▪ Network diagrams, critical path analysis, and critical chain scheduling
  ▪ Cost estimates
  ▪ Earned value management
  ▪ Motivation theory and team building

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III. 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.