WILMINGTON UNIVERSITY  
COLLEGE OF TECHNOLOGY  
BASIC COURSE INFORMATION

COURSE NUMBER:    WIS450
COURSE TITLE:    Software Project Management

I. LEARNING OUTCOMES AND GOALS

II. During this course, students should improve their understanding of:

GOAL #1:    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 #2:    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 #3:    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

Learning Activities:
Continued work on the two active projects from WIS 420.