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: Explain and defend the value and function of technology project management.

   Learning Outcomes - The student will:
   
   • Summarize the triple constraint of project management
   • Assess the project management knowledge areas and process groups
   • Compare and contrast the different types of project management methodologies
   • Explain the roles and responsibilities of a project manager

   GOAL B: Explain the components of the systems development life cycle.

   Learning Outcomes - The student will:
   
   • Explain the systems development life cycle (SDLC) phases and the activities that comprise each phase
   • Evaluate the principles of quality assurance and their application in each phase of the SDLC.
   • Analyze the relationship between the systems development lifecycle and the project management life cycle

   GOAL C: Apply appropriate project management tools and techniques to support the delivery of an information technology project.

   Learning Outcomes - The student will:
   
   • Illustrate the use of the work breakdown structure in the project planning process
   • Create and analyze project cost estimates and budgets
   • Illustrate the use of network diagrams, critical path analysis, and critical chain scheduling
   • Evaluate risk management, resource management and change management processes
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.