

Course number and name: 351CIS-3 IS Project Management

Credits and contact hours: 3 crs.; 5hrs/week (2hrs theory, 2 hrs Lab and 1 hr. Tutorial)

Course Coordinator's name: Dr. Omer Shatnawi

Text book, Title, Author, and Year: Managing Information Technology Projects, Kathy Schwalbe, Course Technology, 6th edition, 2010.

- a. **Supplemental Materials:** Web sites: some topics are selected from several Web sites. The addresses of those sites will be indicated in the handouts.

Specific Course Information

- a. **Catalog Description:** The course addresses essential topics to project management such as project group process (initiating, planning, executing, controlling and monitoring, and closing) and knowledge areas (project integration, scope, time, cost, quality, human resource, communications, risk, procurement). Project management software is used to provide students with a hands-on experience to effectively use software to managing projects.
- b. **Pre-requisites or Co-requisites:** 240CIS-3: Information Systems Analysis and Design
- c. **Required, Elective, or Selected elective:** Required

Specific Goals for the Course

- a. **Specific Outcomes of the Instruction:**
 - Identify the project management phases and the project management knowledge areas.
 - Apply the purpose and importance of project management knowledge areas from the perspectives of planning, tracking and completion of project.
 - Evaluate a project to develop the scope of work, provide accurate cost estimates and to plan the various activities
 - Develop project scope, schedule, cost, and other themes related to project management aspects
 - Use risk management analysis techniques that identify the factors that put a project at risk and to quantify the likely effect of risk on project timescales
- b. **Students Outcomes Addressed by the Course:** a, b, c, i, j

Brief List of Topics to be covered

- Course syllabus presentation + Introduction to project management
- Project Management Process
- Project Scope Management
- Project Scope Management + Project time management
- Project Time Management
- Project Cost Management

- Project Quality Management
- Project HR Management
- Project Communications Management
- Project Risk Management
- Project Procurement Management