Al-Imam Muhammad Ibn Saud Islamic University

College of Computer and Information Sciences

Information Technology

Course Syllabus [Projects Management]

Course Code	Course Name.	Credit Hours	Lec.	Lab	Prerequisites
IT 301	Projects Management	4	3	2	IT 281 IT Systems

Course Description:

This course discusses the processes, methods, techniques and tools that organization use to manage their information system projects. The course covers a systematic methodology for initiating, planning, executing, controlling, and closing projects. This course assumes that project management in the modern organization is a complex team based activity, where various types of technologies (including project management software as well as software to support group collaboration) are inherent part of the project management process.

Course Topics:

Week	Tentative Schedule
Week 01	Projects and Project Management
Week 02	Process and Methods
Week 03	Project Management Tools
Week 04	Project Initiation
Week 05	Project Planning
Week 06	Risk Management
Week 07	Quality, Performance and Value + **Mid-term exam**
Week 08	Project Scheduling
Week 09	Resources, Costing, and Control
Week 10	Project Closure
	Project Organizational Structures I
Week 12	Project Organizational Structures II + **Mid-term exam**
Week 13	Project Success I
Week 14	Project Success II
Week 15	
Week 16	**[Final Exam]**

Textbook and Resources:
Main Textbook:

- Project Management: Process, Technology and Practice, Ganesh Vaidyanathan, Indiana University, South Bend, ISBN-10: 0132807181 • ISBN-13: 9780132807180.Published 08/28/2012

Other Resources

- Project Management, A Managerial Approach, Meredith and Mantel, 5th edition, Wiley Publishing, 2003
- Software Project Management: A Unified Framework, Royce, Addison-Wesley Professional, 1998.
- Applied Software Project Management, Stellman and Greene, O'Reilly, 2005.
- Quality Software Project Management, Futrell, Shafer, and Shafer, Prentice Hall PTR, 2002.
- Software Project management, Hughes, Hughes, and Cotterell, McGraw-Hill, 2002.
- Software Project Management in Practice, Jalote, Addison-Wesley, 2002.
- Software Project management: From Concepts to Deployment, Conway, Coriolis Group, 200

Project and Assignments

- Every student assigned to have one IT project during the semester to practice the PM processes

Grade Distribution

Quizzes	10 %
Midterm Exam	20 %
Assignments	10 %
Lab contribution and Exams	20 %
Final Exam	40 %