



King Saud University
College of Computer and Information Sciences
Department of Information Systems

Course: IS 540 – Software Project Management and Quality Assurance

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Textbook: Kathy Schwalbe, *Managing Information Technology Projects, Revised 6th Edition*. Cengage Learning, 2011, ISBN-13: 978-0-538-48070-3

Course Objectives

After completing this course, students should be able to -

- ⌚ Understand and apply basic project management theories and practices
- ⌚ Understand and apply major phases of the project management life cycle
- ⌚ Establish and direct a high performing project team.
- ⌚ Identify and validate project goals and requirements.
- ⌚ Define project scope
- ⌚ Establish project estimates and schedules
- ⌚ Develop Work Breakdown Structures
- ⌚ Develop and maintain workable IT project plans
- ⌚ Understand and manage project execution activities and processes
- ⌚ Understand and perform the role of project manager
- ⌚ Terminate a project with an effective close-out strategy

Course Schedule

Week	Topics	Chapter	Exams
1	Introduction to Project Management	Chapter 1	
2	The Project Management and Information Technology	Chapter 2	
3	The Project Management Process Groups: A Case Study	Chapter 3	
4	Project Integration Management	Chapter 4	
5	Project Scope Management	Chapter 5	
6	Project Time Management	Chapter 6	
7	Review		Mid-term Exam
8	Project Cost Management	Chapter 7	
9	Project Quality Management	Chapter 8	
10	Project Human Resource Management	Chapter 9	
11	Project Communications Management	Chapter 10	
12	Project Risk Management	Chapter 11	
13	Project Procurement Management	Chapter 12	
14	Review		Final Exam

Assessment Methods

Scientific paper presentation	15%
Course Project	25%
Mid-Term Exam	20%
Final Exam	40%
Total	100%