Course: IS 540 – Software Project Management and Quality Assurance
1st Semester, Academic Year 2019-2020

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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

Course Presentation	20%
Participation and Discussion	10%
Mid-Term Exam 1	30%
Final Exam	40%
Total	**100%**