

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
IT PROJECTS MANAGEMENT	MIS4113623	Fall Semester	3+0	3	5
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	English				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Elective				
Course Coordinator	Assoc.Prof. Özge DOĞUÇ				
Name of Lecturer(s)	Assoc.Prof. Özge DOĞUÇ				
Assistant(s)					
Aim	The course covers the stages of software projects, software development methodologies and software cycles.				
Course Content	This course contains; Introduction to project management. What is project management?, Important and common points in project management. Project management standards. Determination of project groups., Project planning, tests, documentation and acceptance., Software Development Cycle, Software development models. Agile and waterfall models. Determination of project topics., Agile model and Scrum, Agile model and Scrum, Project management applications (JIRA / TFS), Project management applications (JIRA / TFS), What should be in the class project. Going through a sample software project, Sectoral applications of project management, Future of IT projects management and new application areas, Project Presentations.				
Course Learning Outcomes				Teaching Methods	Assessment Methods
1. Defines the phases in the project life cycle.				9	A, F
1.1 Able to list all phases of project life cycle					
1.2 Able to provide details and examples for each of the project lifecycle phases.					
2. Explains the basic concepts of project and project management.				5	A, F
2.1 Defines the project planning steps					
2.2 Documents steps for project planning					
3. Lists the reasons for failure and critical success factors in projects.				5	A, F
3.1 Lists the project success factors					
3.2 Details the project success factors					
4. Integrates technical details with managerial information in the project management process.				5	A, F
4.1 Knows and applies different project planning techniques					
4.2 Evaluates the planning techniques for the group project					
5. Applies the techniques used in the project planning process.				5	F
5.1 Knows the project management techniques and can define them					
5.2. Can document and analyze project management techniques					
5.3 Can apply and present project management techniques in their group projects					
Teaching Methods	5: Cooperative Learning, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam, F: Project Task				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Introduction to project management. What is project management?				
2	Important and common points in project management. Project management standards. Determination of project groups.				
3	Project planning, tests, documentation and acceptance.				
4	Software Development Cycle				
5	Software development models. Agile and waterfall models. Determination of project topics.				
6	Agile model and Scrum				
7	Agile model and Scrum				
9	Project management applications (JIRA / TFS)				
10	Project management applications (JIRA / TFS)				
11	What should be in the class project. Going through a sample software project				
12	Sectoral applications of project management				
13	Future of IT projects management and new application areas				
14	Project Presentations				
Evaluation Methods		Weight(%)			
(Midterm Exam) Project for Midterm		40			
Midterm Exam		40			
General Exam		60			

Resources

- 1- Software Project Management, Bob Hughes, Mike Cotterell.
- 2- Introduction to Software Project Management, by Adolfo Villafiorita (2014) Information Technology Project Management 9th Edition, Kathy Schwalbe, Cengage Learning, 2018