Course Description Form	
Course Code and Name	5261329 Software Project Management
Course Semester	Fall-Spring
Catalog Content	Management Skills Project management concepts and principles, planning methods and tools Problem diagnosis techniques Project stakeholder analysis Target group analysis Project cycle management for project Introduction - Enterprise Framework Resource and Activity planning and scheduling Project Risk Analysis and management, Participatory Quick Assessment (PRA) Analysis Application Tools, communication management, project control, multiple project auctions and contract management, project reports and recommendations Documentation and Report Presentation Writing to be discussed Selecting evaluations Preparing for indicators Preparing for an assessment Design selection Monitoring System Design Project evaluation techniques Human Resources Management Tools Project for tools Tools for project closure Management Project success and failure factors Computer applications D-Base Management Action Planning Tools Skills Tools.
Textbook	Chemuturi, M., & Cagley, T. M. (2010). Mastering software project management: Best practices, tools and techniques. J. Ross
Supplementary Textbooks	-
Credit	8
Prerequisites of the Course (Attendance Requirements)	There is no prerequisite or co-requisite for this course.
Type of the Course	Technical Elective
Instruction Language	Turkish
Course Objectives	To equip participants with modern project approaches and project management techniques to explain the main responsibilities of a project manager and to provide developed project managers, project control and evaluation tools. Capacity, project management and evaluation for projects, formulating, monitoring and evaluating.
Course Learning Outcomes	Students who succeed in this course: Comprehends the duty of a software project manager. Performs basic project managing and planning. Defines software project risks. Defines the concepts of software project maintenance and restructuring. Learns software project evaluation techniques. Defines the methods related to efficient use of human resources in software project.
Instruction Methods	The mode of delivery of this course is Face to face
Weekly Schedule	Week 1: Introduction to Software Project Management Week 2: Project Evaluation and Software Management Week 3: Overview of Project Planning Week 4: Choosing Appropriate Project Approaches Week 5: Software Size and Labor Estimation Methods Week 6: Business Planning Week 7: Risk Management Week 8: Resource Allocation and Organization Week 9: Project Monitoring and Control Week 10: Contract Management Week 11: Management of Software Teams Week 12: Software Quality and Standards Week 13: Configuration Management Week 14: Project Presentations

Teaching and Learning Methods

(These are examples. Please fill which activities you use in the course)

Weekly theoretical course hours
Weekly tutorial hours
Reading Activities
Internet browsing, library work Designing and implementing materials Report preparing
Preparing a Presentation
Presentations
Preparation of Midterm and Midterm Exam
Final Exam and Preparation for Final Exam

Assessment Criteria

	Numbers	**Total Weighting (%)**
Midterm Exams		
Assignment	5	30
Application		
Projects	1	30
Practice		
Quiz		
Percent of In-term Studies (%)		60
Percentage of Final Exam to Total Score (%)		40
Attendance		

Workload

Activity	**Total Number of Weeks**	**Duration (weekly hour)**	**Total Period Work Load**
Weekly Theoretical Course Hours	14	3	42
Weekly Tutorial Hours			0
Reading Tasks	14	3	42
Studies	14	3	42
Material Design and Implementation			
Report Preparing	6	6	36
Preparing a Presentation	1	15	15
Presentations	1	1	1
Midterm Exam and Preperation for Midterm Exam	1	14	14
Final Exam and Preperation for Final Exam	1	13	13
Other (should be emphasized)			0
Total Workload			205
Total Workload / 25			8,2
Course Credit (ECTS)			8

Contribution Level Between Course Learning Outcomes and Program Outcomes

No	Program Outcomes	1	2	3	4	5
1	Reaches the expansion of knowledge by conducting scientific research in the field of engineering and evaluation, interpretation and application of information.					X
2	Has extensive and in depth knowledge including the latest techniques, methods applied and their limitations in engineering.					X

	3	Completes and applies knowledge by using scientific methods by using limited or missing data and integrates information from different disciplines.				X		
	4	Be aware of new and developing practices of the profession, examines and learns when needed.					X	
	5	Defines and formulates problems related to the field, develops methods to solve them and applies innovative methods in solutions.				X		
	6	Develops new and / or original ideas and methods, designs complex systems or processes and develops innovative / alternative solutions in their designs.				X		
	7	Designs and applies theoretical, experimental and modeling based researches, examines and solves the complex problems encountered in this process.					X	
	8	Works effectively in disciplinary and multidisciplinary teams, leads such teams and develops solution approaches in complex situations, works independently and takes responsibility.			X			
	9	Communicates oral and written using a foreign language at least at the level of European Language Portfolio B2.		X				
	10	Conveys the process and results of the studies in written and oral form in a systematic and clear manner in national and international environments within or outside the field.					X	
	11	Knows the social, environmental, health, security, legal aspects of engineering applications; project management, and business life applications and be aware of the constraints of these engineering applications.	X					
	12	Considers social, scientific and ethical values in the stages of data collection, interpretation and announcement and in all professional activities.		X				
The Course's Lecturer(s) and Contact Informations		Name Surname: Assoc. Prof. Dr. Hacer KARACAN E-mail address: hkaracan@gazi.edu.tr						