Course Description Form	
Course Code and Name	BM495 COMPUTER PROJECT I
Course Semester	7
Catalog Content	Project definition, planning, execution, conclusion and reporting performed individually or in teams
Textbook	Applied Software Project Management 1st Edition by Andrew Stellman, Jennifer Greene, 2005.
Supplementary Textbooks	Software Project Management 5th Revised Edition by Bob Hughes, Mike Cotterell, 2009. Software Project Management in Practice 1st Edition by Pankaj Jalote, 2002.
Credit	5
Prerequisites of the Course (*Attendance Requirements*)	-
Type of the Course	Compulsory
Instruction Language	Turkish
Course Objectives	1. Improving ability to define, plan, execute, conclude and report on projects individually or in teams 2. Giving experience on project documentation and presentation 3. Imparting ability to foresee and evaluate social consequences of computer engineering projects

Course Learning Outcomes	Students who have successfully completed this course will have gained the following abilities: 1. Ability to define, plan, execute, conclude and report on projects individually or in teams 2. Experience on project documentation and presentation 3. Planning time, budget and human resources 4. Information on project management, risk management, change management 5. Knowledge on intellectual rights and protection 6. Culture of cooperation 7. Awareness of the importance of innovation and technology 8. Respect of ethical values		
Instruction Methods	The mode of delivery of this course is face to face		
Weekly Schedule	1. Project definition 2. Project management plan preparation 3. Project work 4. Project work 5. Project requirement specification preparation 6. Project work 7. Midterm report preparation 8. Project work 9. Project work 10. Project design document preparation 11. Project work 12. Project work 13. Project test document preparation 14. Final report and presentation preparation		
Teaching and Learning Methods *(These are examples. Please fill which activities you use in the course)*	Weekly theoretical course hours: 2 Weekly tutorial hours: 2 Reading Activities Internet browsing, library work Material Design and Implementation Preparing Reports Preparing Presentation Presentation		

Assessment Criteria		**Numbers**	**Total Weighting (%)**	
	Midterm Exams			
	Assignment			
	Application			
	Projects			
	Practice			
	Quiz			
	Percent of In-term Studies (%)			
	Percentage of Final Exam to Total Score (%)		100	
	Attendance			

	Activity	Total Number of Weeks	Duration (weekly hour)	Total Period Work Load
Workload	Weekly Theoretical Course Hours	14	2	28
	Weekly Tutorial Hours	14	2	28
	Reading Tasks	14	1	14
	Studies	14	1	14
	Material Design and Implementation	14	2	28
	Report Preparing	8	1	8
	Preparing a Presentation	1	4	4
	Presentations	1	1	1
	Midterm Exam and Preparation for Midterm Exam	0	0	0
	Final Exam and Preparation for Final Exam	0	0	0
	Other (should be emphasized)	0	0	0
	Total Workload			125
	Total Workload / 25			5
	Course Credit (ECTS)			5

	No	Program Outcomes	1	2	3	4	5
Contribution Level Between Course Learning Outcomes and Program Outcomes	1	Sufficient knowledge on mathematics, science and computer engineering; ability to apply theoretical and practical knowledge in these areas to model and solve engineering problems					X
	2	Ability to identify, define, formulate and solve complex engineering problems; ability to choose and apply appropriate analysis and modelling methods for these purposes					X
	3	Ability to design a complex system, process, device, software, algorithm, or product under realistic constraints and circumstances to meet certain requirements; ability to apply modern design techniques for this purpose					X
	4	Ability to choose, develop and use modern techniques and tools necessary for engineering applications; ability to effectively use computing technologies					X
	5	Ability to design and implement systems or experiments to solve engineering problems, collect and interpret data to evaluate and analyze the results of solutions					X
	6	Ability to work effectively in intradisciplinary and interdisciplinary teams or individually					X
	7	Ability to efficiently prepare, evaluate and interpret reports					X
	8	Ability to make presentations and conduct effective verbal and written communication in Turkish and English				X	
	9	Awareness of the necessity of lifelong learning; ability to access information, follow scientific and technological developments; ability to perpetually renew oneself				X	
	10	Awareness of professional and ethical responsibility, ability to act in accordance with ethical principles				X	

11	Ability to apply knowledge on project management, risk management and change management			X	
12	Awareness of entrepreneurship and innovation, ability to design and build		X		
13	Ability to devise local and global solutions to contemporary issues considering the effects of engineering applications on health, environment and security		X		
14	Awareness of the legal consequences of engineering solutions	X			
15	Ability to apply knowledge on software development process and documentation rules				X
16	Knowledge on standards used in engineering applications		X		
17	Awareness of occupational health and safety, information security and privacy	X			

The Course's Lecturer(s) and Contact Information	Computer Engineering Department Chair bmbb@gazi.edu.tr