ENGINEERING PROJECT MANAGEMENT									
1	Course Title:	ENGINE	ERING PROJECT MANAGEMENT						
2	Course Code:	BMB4008							
3	Type of Course:	Optional							
4	Level of Course:	First Cycle							
5	Year of Study:	4							
6	Semester:	8							
7	ECTS Credits Allocated:	5.00							
8	Theoretical (hour/week):	3.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:	None							
12	Language:	Turkish							
13	Mode of Delivery:	Face to f	ace						
14	Course Coordinator:	Prof. Dr.	KEMAL FİDANBOYLU						
15	Course Lecturers:	-							
16	Contact information of the Course Coordinator:	e-posta: kfidan@uludag.edu.tr Uludağ Üniversitesi, Bilgisayar Mühendisliği Bölümü Görükle Kampüsü, 16059 Nilüfer, Bursa							
17	Website:								
18	Objective of the Course:	To provide the students with basic knowledge about project management in engineering.							
19	Contribution of the Course to Professional Development:	Project Management: 80%; Engineering Science: 15%; Engineering Design: 5%							
20	Learning Outcomes:								
		1	Apply project selection methods to evaluate the feasibility of projects						
		2	Assess project contribution to business strategy, purpose and plans						
		3	Select appropriate project management practices, tools, and methodologies						
		4	Define and document project schedule, budget, resources, and quality						
		5	Develop a project plan						
		6	Develop a Work Breakdown Structure (WBS)						
		7	Analyze and refine project time and cost estimates to define project baseline, schedule and budget						
		8	Develop criteria for selecting, leading, and managing project teams						
		9	Recognize risk events and issues						
		10	Define performance criteria to support quality assurance						
21	Course Content:								
\\\-\\-\\	Theoretical	Co	ourse Content:						
	Theoretical		Practice						
1	Overview of Project Management	nto and							
2	Project Management Growth: Conce Definitions	pis and							
3	Organizational Structures								

4	Organizing and Staffing the Project Cand Team	Office								
5	Management Functions									
6	Communications Management; Conf Special Topics	licts;								
7	The Variables for Success; Working Executives	with								
8	Planning									
9	Network Scheduling Techniques									
10	Pricing and Estimating; Cost Control									
11	Metrics; Trade-off Analysis in a Proje Environment	ct								
12	Risk Management									
13	Learning Curves; Contract Managem	ent								
14	Quality Management									
22	Textbooks, References and/or Other Materials:		1. H. Kerzner, Project Management: A Systems Approach to Planning, Scheduling, and Controlling, 12th Ed., Wiley, 2017. 2. A Guide to the Project Management Body of Knowledge (PMBOK Guide), Project Management Institute, 6th Ed., 2017.							
23	Assesment									
TERM L	EARNING ACTIVITIES	NUMBE R	WEIGHT							
Midtern	n Exam	1	25.00							
Quiz		0	0.00							
Home v	work-project	1	15.00							
Final E	xam	1	60.00							
Total		3	100.00							
Contribution of Term (Year) Learning Activities to Success Grade		es to	40.00							
Contribution of Final Exam to Success Grade			60.00							
Total			100.00							
Course			Classical and test problem-solving ability will be measured in midterm and final exams. The project will include research, report writing and presentation on a subject related to the course content.							
24	24 ECTS / WORK LOAD TABLE									

Activites		Number	Duration (hour)	Total Work Load (hour)						
Theoretical		14	3.00	42.00						
Practicals/L	abs	0	0.00	0.00						
Self study a	and preperation	14	3.00	42.00						
Homeworks	8	0	0.00	0.00						
Projects		1	31.00	31.00						
Field Studie	es	0	0.00	0.00						
Midterm ex	ams	1	15.00	15.00						
Others		0	0.00	0.00						
Final Exam	s	1	20.00	20.00						
Total Work	Load			150.00						
Total work I	oad/ 30 hr			5.00						
ECTS Cred	it of the Course			5.00						
25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS										

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	1	1	1	1	1	1	1	1	3	4	5	4	0	0	0	0
ÖK2	1	1	1	1	1	1	1	1	3	4	5	4	0	0	0	0
ÖK3	1	1	1	1	1	1	1	1	3	4	5	4	0	0	0	0
ÖK4	1	1	1	1	1	1	1	1	3	4	5	4	0	0	0	0
ÖK5	1	1	1	1	1	1	1	1	3	4	5	4	0	0	0	0
ÖK6	1	1	1	1	1	1	1	1	3	4	5	4	0	0	0	0
ÖK7	1	1	1	1	1	1	1	1	3	4	5	4	0	0	0	0
ÖK8	1	1	1	1	1	5	5	1	3	4	5	4	0	0	0	0
ÖK9	1	1	1	1	1	1	1	1	3	4	5	4	0	0	0	0
ÖK10	1	1	1	1	1	1	1	1	3	4	5	4	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:		2 low			3 Medium		4 High			5 Very High						