	OPER	ATION	IS RESEARCH II							
1	Course Title:	OPERAT	TIONS RESEARCH II							
2	Course Code:	EKO330	2							
3	Type of Course:	Compuls	sory							
4	Level of Course:	First Cyc	le							
5	Year of Study:	3								
6	Semester:	6								
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:	No	No							
12	Language:	Turkish	Turkish							
13	Mode of Delivery:	Face to f	face							
14	Course Coordinator:	Prof. Dr.	KEMAL SEZEN							
15	Course Lecturers:									
16	Contact information of the Course Coordinator:	kemal@uludag.edu.tr 02242941113 Uludağ Üniversitesi İktisadi ve İdari Bilimler Fakültesi A Blok 16059 Nilüfer7Bursa								
17	Website:									
18	Objective of the Course:	The aim of this course is to provide the students focusing on the management problems, the application of system approach and the scientific methods on the management decision.								
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	The students are able to define the problem in Project planning							
		2	The students are able to decide the most appropriate in competitive environment							
		3	The students are able to determine what the optimal decision problems would be in business							
		4	The students are able to measure cost and performance of the service system with quantitative models							
		5	The students are able to predict outcomes at different stages of the processes							
		6	The students are able to solve the problems involving the decision series							
		7	The students are able to determine the best level of service businesses.							
		8	The students are able to analyzing goal programming models							
		9								
		10								
21	Course Content:									
		Co	ourse Content:							
Week	Theoretical		Practice							

1	Syster objecti	stematic analysis of the change in jective function parameters															
2	Syster right-h	nat and	ic ana d side	alysis parar	of the neter:	chang S	e in										
3	Definit and its	initions related to the integer programming tits problems															
4	Solution proble	n r ms	netho	ods of	intege	er progi	rammi	ng									
5	Gomo	y c	cutting	g plane	e metl	nods											
6	Concepts and definitions related to game teory, balanced games, superior strategies																
7	Playeo graphi midter	l ga cal m	ame u soluti	inder a ion me	a full u ethod	incerta for the	nity, game	s,									
8	Definit assum	inition of goal programming, its sumptions, sample problems															
9	Types	of	goal p	orogra	mmin	g											
10	Types proble	of ms	goal p	orogra	mmin	g's san	nple										
11	The te systen	e terms of queuing and costs, queuing stems															
12	Single	gle service queuing models															
13	Stocha	sti	c pro	cesses	s and	markov	v chai	ns									
14	Multi-s	tep	trans	sition p	oroba	bilities	and st	teady									
Activites									Number Duration					(hour) Total Work Load (hour)			
Theoretical								a	ant/Algorithms, Thomson Brooks/Cole, Austral 9,2004.								
Practicals/Labs								_	0			0.00	0.00 0.00				
Self study and preperation										14			2.00		28.00		
Homeworks								- 114	1			10.00			10.00		
Midjects Exam 1									4	40000			0.00			0.00	
Field Studies									0			0.00			0.00		
Modther workapneject 0								0.	D. <b>0</b> 0 2			20.00	20.00			20.00	
Others									0			0.00			0.00		
Fioral Exams 2								1(	100.00			20.00	)	20.00			
Total Work Load															140.00		
<u> </u>															4.00		
ECTS Credit of the Course																5.00	
Total 100										00.00							
Measurement and Evaluation Techniques Used in the Course																	
24	ECTS	5/	WO	RK L	OAD	TAB	LE										
25	25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																
	PC	21	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ	B PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	5		4	5	5	4	5	4	5	5	5	5	5	0	0	0	0
ÖK2	4		5	5	5	5	4	5	5	4	4	4	4	0	0	0	0

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ÖK3	4	4	5	5	5	5	4	5	5	4	4	4	0	0	0	0
ÖK4	5	5	4	4	5	5	4	5	5	4	5	4	0	0	0	0
ÖK5	4	5	5	5	4	4	4	5	5	4	4	4	0	0	0	0
ÖK6	5	4	4	5	4	5	4	5	4	4	4	4	0	0	0	0
ÖK7	5	5	4	5	5	5	4	5	4	5	4	4	0	0	0	0
ÖK8	5	4	5	4	4	5	4	5	5	4	4	5	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				