	MANAGEMENT	DECIS	SION SUPPORT SYSTEMS					
1	Course Title:	MANAG	EMENT DECISION SUPPORT SYSTEMS					
2	Course Code:	YBS511	6					
3	Type of Course:	Optiona	I					
4	Level of Course:	Second	Cycle					
5	Year of Study:	1						
6	Semester:	2						
7	ECTS Credits Allocated:	3.00						
8	Theoretical (hour/week):	2.00						
9	Practice (hour/week):	0.00						
10	Laboratory (hour/week):	0						
11	Prerequisites:							
12	Language:	Turkish						
13	Mode of Delivery:	Face to	face					
14	Course Coordinator:	Doç. Dr.	. MELİH ENGİN					
15	Course Lecturers:	Doç.Dr. Melih ENGİN						
16	Contact information of the Course Coordinator:	Doç.Dr. Melih ENGİN melihengin@uludag.edu.tr 0224 294 26 95						
17	Website:							
18	Objective of the Course:	Decision Making Process and Models Probability Theory Introduction to Decision Analysis Benefits and game theory, linear Introduction to Programming Linear Programming Applications Markov Chain Analysis Project Planning Queuing Theory Simulation Forecasting Techniques Integer Programming Goal Programming Non-Linear Programming						
19	Contribution of the Course to Professional Development:	Modeling involves solving a real world problem by converting it into a standard structure. In addition, companies are collecting more and more data day by day. And they hunt for data within these mountains of data. Some computer-based systems have been developed to facilitate these processes. The professional contribution of the course is to familiarize yourself with these practices.						
20	Learning Outcomes:							
		1	To develop decision support systems using tools and methods.					
		2	Synthesizing technology used in decision support systems.					
		3	Decision support systems design, development and implementation of methods for analyzing and applications					
		4	To make assessment of the choice of technology used in the development of decision support systems					
		5	Ability to identify and evaluate opportunities to develop decision support systems					
		6						
		7						
		8						
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		10						
21	Course Content:							

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1	An overview of the management support system																
2	Decision-makers, decision-making and systems																
3	Modeling and Decision Support																
4	Decision support systems-Data Management, Module Management, Interface Management																
5	Decis	sion	Supp	ort Sy	stems	Desig	n		Т								
6	Grou	p de	cisior	supp	ort sy	stems											
7	Corporate Decision Support Systems																
8	Decision support and artificial intelligence																
9	Artificial Intelligence and Expert Systems																
10	Cleve	er fa	ctors														
11	Decis	sion	suppo	ort sys	tems	manag	er										
12	Decision support systems manager																
13	Databases, data warehousing, knowledge base																
14	Decis	sion	suppo	ort of t	oday	and tor	norro	N									
22				ferenc	es an	d/or Ot	her										
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25	<u> </u>		(	CON	TRIB	UTIO	N OI					OME	S TO I	PROC	SRAM	IME	
	QUALIFICATIONS																
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ÖK2	1		1	0	0	1	1	2	0	0	0	0	0	0	0	0	0
ÖK3	1		1	0	0	2	1	1	0	0	0	0	0	0	0	0	0
ÖK4	1		1	0	0	3	1	3	0	0	0	0	0	0	0	0	0

**Course Content:** 

Practice

Week Theoretical

ÖK5	1	1	0	0	3	1	3	0	0	0	0	0	0	0	0	0
LO: I Contrib tution Level:			-	earning Object			tives PQ: P			rogram Qualifica 4 High			tions 5 Very High			