	EARTHQUAKE F	RESIS	TANT BUILDING DESIGN						
1	Course Title:	EARTHQUAKE RESISTANT BUILDING DESIGN							
2	Course Code:	MIM3011							
3	Type of Course:	Optional							
4	Level of Course:	First Cycle							
5	Year of Study:	3							
6	Semester:	5							
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:	Prof. Dr. MURAT TAŞ							
15	Course Lecturers:	Yok							
16	Contact information of the Course Coordinator:	murattas@uludag.edu.tr 0224 2942137 U.Ü. Mühendislik Mimarlık Fakültesi Mimarlık Bölümü Nilüfer/ Bursa							
17	Website:								
18	Objective of the Course:	The aim is to work out students' information level which will be used for analysis, synthesis and commenting about principles of earthquake resistant buildings for architectural education in building production process.							
19	Contribution of the Course to Professional Development:								
20	Learning Outcomes:								
		1	Types, formation, definition, general information about the properties of the earthquake						
		2	Understand the concept of earthquake resistant and learn the basic principles of earthquake resistant building						
		3	Understand the importance of architecture in the earthquake resistance, by learning the principles of earthquake-resistant building, architectural planning, architectural design to carry this information						
		4							
		5							
		6							
		7							
		8							
		9							
		10							
21	Course Content:								
	Course Content:								
	ek Theoretical Practice								
1	General information about earthquakes and earthquake								

2	Definition of the earthquake, types ar characteristics of earthquakes	nd								
3	Seismic characteristics in Turkey, so economic dimensions of the earthqua earthquake awareness about									
4	Earthquake-soil interaction, soil-struc interaction, seismic isolation	ture								
5	The concept of earthquake resistant the basic principles in earthquake resultions									
6	The importance of earthquake resista architecture, architectural planning pl of earthquake resistant buildings									
7	Architectural design and relation of s system-earthquake	tructural								
8	Regulation of non-structural elements building	s in the								
9	Repeating courses and midterm examined and midterm examined and the second se	m								
10	Legislation relating to the earthquake building	and								
11	Post-earthquake building damage, re damage caused by earthquakes build									
12	Analysis of earthquake resistance of buildings									
13	The basic principles in strengthening existing buildings	of								
Activit				Number	Duration (hour)	Load (hour)				
Theore	Materials:		Y	api Tasarımı" İzmir, 19	gg00	28.00				
	als/Labs		-	0	0.00	0.00				
Self stu	dy and preperation		-9	anlibel, N., "Depreme	3 Daganıklı Yapıları	ß\$a£erim				
Homew	vorks			1	21.00	21.00				
Project	8		E	dition, By John Wiley 8	05000 s Ltd., 1987	0.00				
Field S	tudies			0	0.00	0.00				
Midtern	n exams		-Lagorio, J., H., "Earthquakes" By John Wile & Sons Ltd							
Others				0	0.00	0.00				
Final E	xams		S	elyir Defteri" İstanbul, 1	2980	2.00				
	Vork Load					92.00				
Total w	ork load/ 30 hr	NUMBE	W	FIGHT		3.07				
	Credit of the Course	1				3.00				
	n Exam	1		5.00						
				0.00						
Home work-project				25.00						
Final Exam 1				50.00						
Total 3				100.00						
Contribution of Term (Year) Learning Activities to Success Grade			50.00							
Contrib	ution of Final Exam to Success Grade	Ð	50.00							
Total			100.00							
Measu Course	rement and Evaluation Techniques Us	sed in the								
24	24 ECTS / WORK LOAD TABLE									

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	4	5	1	3	1	2	1	1	1	1	1	0	0	0	0	0
ÖK2	5	4	3	4	4	4	1	2	1	4	2	0	0	0	0	0
ÖK3	4	4	5	4	3	3	1	2	2	4	3	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:			2 low		3	Medi	lium		4 High			5 Very High				