TRANSFORMATIONANDMATERIALPROBLEMS IN BUILDINGS									
1	Course Title:	TRANSF	ORMATIONANDMATERIALPROBLEMS IN BUILDINGS						
2	Course Code:	MIM6039							
3	Type of Course:	Optional							
4	Level of Course:	Third Cy	cle						
5	Year of Study:	1							
6	Semester:	1							
7	ECTS Credits Allocated:	6.00							
8	Theoretical (hour/week):	3.00							
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. ZEHRA SEVGEN PERKER							
15	Course Lecturers:	-							
16	Contact information of the Course Coordinator:	zsperker@uludag.edu.tr							
17	Website:								
18	Objective of the Course:	The aim of this course is to teach transformation - deterioration - building materials relationship and building material problems in transformation.							
19	Contribution of the Course to Professional Development:	This course contributes to professional development in understanding the changes in architectural structures over time and the building material problems caused by them and ensuring the long-lasting use of buildings.							
20	Learning Outcomes:								
		1	Teaching transformation - deterioration - building materials relationship						
		2	Teaching building material problems in transformation						
		3							
		4							
		5							
		6							
		7							
		8							
		9							
		10							
21	Course Content:								
\\\\a_c\\	Theoretical	Co	urse Content:						
vveek 1	Theoretical Introducing the scope and introduction	on of the	Practice						
	course, extracting the resources of the								
2	The concept of change and its relation with building	onship							
3	Classification of change in building								

4	The concept of deterioration and its relationship with building							
5	Types of deterioration in the building the change process	due to						
6	Types of deterioration in the building the change process	due to						
7	Types of deterioration in the building the change process	due to						
8	Types of deterioration in the building the change process	due to						
9	Physical problems of the material in context of change and deterioration relationships in the building	the						
10	Physical problems of the material in context of change and deterioration relationships in the building	the						
11	Chemical problems of the material in context of change and deterioration relationships in the building	the						
12	Mechanical problems of the material context of change and deterioration relationships in the building	in the						
13	Biological problems of the material in context of change and deterioration relationships in the building	the						
14	Other problems of the material in the of change and deterioration relations the building							
22	Textbooks, References and/or Other Materials:		Brand, S. Architectural Reuse. Cook, G., Hinks, J. (1997). Technology of Building Defects, Spone Press. Duggal, S.K. (2008). Building Materials, New Age International Publishers. Raitt, J.M. (2008). Adaptive Reuse Development: Special Issues & Examples. Ransom, W.H. (2005). Building Failures, Spon Press. Toydemir, N. (2011). Yapı Elemanı Tasarımında Malzeme, Literatür Yayıncılık. Vujovic.V., Ogurek, D. (2012). Same Place New Face.					
23	Assesment							
TERM L	EARNING ACTIVITIES	NUMBE R	WEIGHT					
Midterr	n Exam	1	20.00					
Quiz		0	0.00					
Home	work-project	1	20.00					
Final E	xam	1	60.00					
Total		3	100.00					
	oution of Term (Year) Learning Activitions Grade	es to	40.00					
Contrib	oution of Final Exam to Success Grade	9	60.00					
Total			100.00					
Measu Course		sed in the	Course success is evaluated through the midterm exam (written exam), final exam (written exam) and homework.					
24	ECTS / WORK LOAD TABLE							
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Activites								I	Numb	er		Duration (hour)			Total Work Load (hour)	
Theoretica	Theoretical								14			3.00			42.00	
Practicals/	Labs							(0			0.00			0.00	
Self study and preperation									14			6.00			84.00	
Homeworks								•	1			40.00			40.00	
Projects								(0			0.00			0.00	
Field Studies								4	4			2.00			8.00	
Midterm ex	Midterm exams								1			3.00			3.00	
Others								(0			0.00			0.00	
Final Exam	ns							1	1			3.00			3.00	
Total Work	Total Work Load														183.00	
Total work load/ 30 hr															6.00	
Total work load/ 30 hr 6.00 ECTS Credit of the Course 6.00								6.00								
25																
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	4	0	4	5	0	0	5	0	0	0	0	0	0	0	0	0
ÖK2	4	0	4	5	0	0	5	0	0	0	0	0	0	0	0	0
	LO: Learning Objectives PQ: Program Qualifications													•		

3 Medium

4 High

5 Very High

Contrib

ution Level: 1 very low

2 low