BUILDING INSULATION TECHNIQUES										
1	Course Title:	BUILDIN	IG INSULATION TECHNIQUES							
2	Course Code:	MIM2028	3							
3	Type of Course:	Optional								
4	Level of Course:	First Cyc	le							
5	Year of Study:	2								
6	Semester:	4								
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 f	ace							
14	Course Coordinator:	Dr. Ögr.	Üyesi ZUHAL ŞİMŞEK							
15	Course Lecturers:									
16	Contact information of the Course Coordinator:	zsimsek@uluɪdag.edu.tr								
17	Website:									
18	Objective of the Course:	The aim of this course is;to teach the application water, fire and heat insulation techniques and materials suitable to the building elements and conditions of concrete, wood and steel structures in terms of								
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	Having knowledge about water, humidity, heat and fire insulation in the buildings,							
		2	Proposing solutions by detecting heat, water and fire damages							
		3	Solving the special insulation details of the structural elements of building in the architectural project							
		4	Recognizing insulation materials							
		5	Choosing suitable insulation materials for construction elements							
		6								
		7								
		8								
		9								
		10								
21	Course Content:									
		Co	ourse Content:							
Week	Theoretical		Practice							
1	Advantages of isolation in buildings, of insulation, Determination of dama non-insulated buildings	Benefits ages in								

2	Heat insulation on walls, slabs and ro	ofs.						
3	Properties and application forms of th insulation materials	ermal						
4	Properties and application forms of th insulation materials	ermal						
5	Ecological and nano-technology insul materials	ation						
6	General information about fire. The importance of fire insulation							
7	Properties and application forms of fireproofing materials							
8	Smoke and fire insulation of shafts, flow walls and façades	oors,						
9	Fire behavior of reinforced concrete, v and steel structures	wood						
10	Fire insulation of wood and steel elem	nents						
11	İmportance of waterproofing in buildin	ngs						
12	Properties of waterproofing materials application techniques. In the foundat basements,	and tions and						
Activit	tes		Number	Duration (hour)	Total Work Load (hour)			
Theore	icalfs, wet spaces.		14	2.00	28.00			
Practic	als/Labs		0	0.00	0.00			
Self stu	dy and preperation		14	2.00	28.00			
Homew	vorks		1	10.00	10.00			
Project	Assesment		0	0.00	0.00			
Field S	itudies		0	0.00	0.00			
Midterr	n exams	R	1	10.00	10.00			
Others			0	0.00	0.00			
Rihiai e	xams	0	0.90	14.00	14.00			
Total V	Vork Load				90.00			
Fional Fo	⁄6ቶየባoad/ 30 hr	1	60.00		3.00			
ECTS	Credit of the Course				3.00			
Contribution of Term (Year) Learning Activities to Success Grade			40.00					
Contrib	oution of Final Exam to Success Grade		60.00					
Total			100.00					
Measu	rement and Evaluation Techniques Us	ed in the						
Course	· · · · · · · · · · · · · · · · · · ·							

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	5	4	1	4	3	0	0	0	0	0	0	0	0	0	0	0
ÖK2	5	5	1	4	3	0	0	0	0	0	0	0	0	0	0	0
ÖK3	5	4	1	3	3	0	0	0	0	0	0	0	0	0	0	0
ÖK4	5	5	1	3	1	0	0	0	0	0	0	0	0	0	0	0
ÖK5	5	5	1	2	4	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	1 very low				2 low	low 3 M		Medium		4 High		5 Very High				