PERFORMANCE IN BUILDING MATERIAL

1	Course Title:	PERFORMANCE IN BUILDING MATERIAL	
2	Course Code:	MIM5049	
3	Type of Course:	Optional	
4	Level of Course:	Second Cycle	
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 that the performances of building materials (nature, environmental effects, production processes and use), life and deterioration of building materials.	
19	Contribution of the Course to Professional Development:	This course contributes to professional development in using building materials in accordance with its performance and realizing the correct architectural practices.	
20	Learning Outcomes:		
		1	Teaching the performances of building materials (nature, environmental effects, production processes and use), life and deterioration of building materials.
		2	Teaching academic research on the performances of building materials
		3	Teaching orally and writing to the performances of building materials research accurately
		4	
		5	
		6	
		7	
		8	
		9	
		10	
21	Course Content:		

Course Content:

Week	Theoretical	Practice
1	To Define That the Performance of Building Materials	
2	Properties of Building Materials, Material Life – Deterioration Relationship	

3	Properties of Building Materials, Material Life – Deterioration Relationship	
4	Physical, Chemical, Mechanical, Biological and Human Based Problems of Buidling Materials	
5	Physical, Chemical, Mechanical, Biological and Human Based Problems of Buidling Materials	
6	Production Processes of Building Materials, Material Life – Deterioration Relationship	
7	Production Processes of Building Materials, Material Life – Deterioration Relationship	
8	Environmental Effects of Building Materials, Material Life – Life Cycle and Deterioration Relationship	
9	Environmental Effects of Building Materials, Material Life – Life Cycle and Deterioration Relationship	
10	Performance of Building Materials in Building Component Level	
11	Performance of Building Materials in Building Component Level	
12	Performance of Building Materials in Building Component Level	
13	Homeworks Presentation	
14	Homeworks Presentation	

Activites	Number	Duration (hour)	Total Work Load (hour)
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	2.00	8.00
Midterm exams	1	3.00	3.00
Others	0	0.00	0.00
Final Exams	1	3.00	3.00
Total Work Load			183.00
Total work load/ 30 hr			6.00
ECTS Credit of the Course			6.00

International Publishers.
Literatür Yayıncılık.

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Quiz	0	0.00
Final Exam	1	60.00

Contribution of Term (Year) Learning Activities to Success Grade	40.00
Contribution of Final Exam to Success Grade	60.00
Total	100.00
Measurement and Evaluation Techniques Used in the Course	Course success is evaluated through the midterm exam (written exam), final exam (written exam) and homework.

24	**ECTS / WORK LOAD TABLE**

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	**PQ2**	**PQ3**	**PQ4**	**PQ5**	**PQ6**	**PQ7**	**PQ8**	**PQ9**	**PQ10**	**PQ11**	**PQ12**	**PQ13**	**PQ14**	**PQ15**	**PQ16**
ÖK1	5	2	3	5	5	2	2	1	1	5	5	5	0	0	0	0
ÖK2	5	2	3	5	5	2	2	1	1	5	3	5	0	0	0	0
ÖK3	5	2	3	3	3	2	2	1	1	3	3	5	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	**1 very low**			**2 low**			**3 Medium**			**4 High**			**5 Very High**			