PROBLEMS AND THEIR REMEDIES IN THE STONE BUILDINGS

1	Course Title:	PROBLEMS AND THEIR REMEDIES IN THE STONE BUILDINGS
2	Course Code:	MIM2018
3	Type of Course:	Optional
4	Level of Course:	First Cycle
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 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 stone building materials and stone structures, using stone materials for built, the problems encountered in the stone buildings, and to determine the correct information needed to produce the appropriate solution given the existing problems.
19	Contribution of the Course to Professional Development:	This course contributes to professional development in maintaining the stone building culture and designing sustainable structures with natural stone materials, by providing recognition of stone construction applications and problems and awareness of solution alternatives.
20	Learning Outcomes:	
	1	Teaching stone building material and stone buildings, stone material from past uses to the future of the structure.
	2	Teaching design of stone buildings, structural systems, detailing and materials with the comprehension of a holistic perspective relations
	3	Teaching in terms of the physical environment of stone structures and positive / healthy aspects of the stone buildings
	4	Teaching on current issues and problems that encountered of the stone structures and their modern solution methods
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21	Course Content:	
	Course Content:	

Week	Theoretical	Practice
1	The definition of a natural stone building materials, classification, production methods, properties, relevant standards	
2	Stone structures, uses and usage patterns in the historical process of building material, stone material and the choice of structural causes of the positive features in terms of use	
3	The stone buildings in Anatolia, classification and characteristics	
4	Classification of the problems encountered in the stone buildings and design, structural systems, detailing and materials on the basis of the relationships examined	
5	Identify the encountered problems and methods used in the analysis of the stone buildings	
6	Identify the encountered problems and methods used in the analysis of the stone buildings	
7	Problems related to the material properties of the stone buildings	
8	Problems related to the material properties of the stone buildings	
9	Problems related to the material properties of the stone buildings	
10	Problems related to external effects of the [illegible]	
12	Methods used to solve the encountered [illegible]	
13	Methods used to solve the encountered problems of the stone buildings	

Küçükkaya, A.G. (2004). Taşların Bozulma Nedenleri [illegible]
Conservation Institute, Los Angeles.
İstanbul.

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	2.00	28.00
Homeworks	1	20.00	20.00
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			93.00
Total work load/ 30 hr			3.00
ECTS Credit of the Course			3.00

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	10.00
Quiz	0	0.00
Home work-project	1	30.00
Final Exam	1	60.00
Total	3	100.00
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	When the number of students is below 20, absolute evaluation is applied, and when the number of students is above 20, the relative evaluation system is used. Course success is evaluated through the midterm exam (test), final exam (test) 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	5	0	0	2	0	0	0	0	3	4	0	0	0	0	0
ÖK2	5	5	0	0	4	0	0	0	0	3	4	0	0	0	0	0
ÖK3	5	5	5	0	2	0	0	0	0	5	4	0	0	0	0	0
ÖK4	5	5	0	0	2	0	0	0	0	5	4	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	**1 very low**		**2 low**			**3 Medium**				**4 High**			**5 Very High**			