F	PROBLEMS AND THEI		MEDIES IN WOODEN BUILDING TERIAL							
1	Course Title:		PROBLEMS AND THEIR REMEDIES IN WOODEN BUILDING MATERIAL							
2	Course Code:	MIM6014								
3	Type of Course:	Optional								
4	Level of Course:	Third Cy	Third Cycle							
5	Year of Study:	1	1							
6	Semester:	2								
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:	zsperkei	r@uludag.edu.tr							
17	Website:									
18	Objective of the Course:	The aim of this course is to teach that wooden building material and structural problems resulting from external influences and material origin, contemporary visual and experimental analysis, the principles and current methods used in problems of wooden buildings, the methods used to solve the problems.								
19	Contribution of the Course to Professional Development:	This course contributes to professional development in maintaining the wood construction culture and designing sustainable structures with wooden materials, by making sure that the problems and solution alternatives of wood building materials are known.								
20	Learning Outcomes:									
		Teaching the problems of wood material from use to maintenance								
		2	Teaching wooden construction material, structural, and external influences to problems and modern methods used in analysis and detection							
		3	Teaching the preferred solution to contemporary problems in the prevention and relief of wood							
		4	Teaching contemporary issues for the building material of wood using from the analysis and detection methods to ensure							
		5	Teaching engage research on the problems of wooden materials used in buildings, problem definitions and solutions to identified problems to ensure							
		6								
		7								
	8									
		9								
		10								
21	Course Content:									
	Course Content:									

Week	Theoretical		Practice					
1	Definition of wooden building materia general properties, the structure's loc and shape, structure and properties cused in the classification of species	ation						
2	Consisting of wooden construction m visual and experimental analysis of the problems of modern principles and m	ne						
3	Consisting of wooden construction m visual and experimental analysis of the problems of modern principles and m	ne						
4	According to the type of wood used in construction of wooden material prob caused by structural features							
5	According to the type of wood used in construction of wooden material prob caused by structural features							
6	According to the type of wood used in construction of wooden material prob caused by structural features	n Iems						
7	According to the type of wood used in construction of wooden material prob caused by structural features							
8	Problems caused by external influence used in building materials	ces wood						
9	Problems caused by external influence used in building materials	ces wood						
10	Problems caused by external influence used in building materials	ces wood						
	Modern methods of solution of the printhe prevention and relief of wood m							
12	Modern methods of solution of the print the prevention and relief of wood m							
	Modern methods of solution of the print the prevention and relief of wood m							
14	Homeworks Presentation							
22	Textbooks, References and/or Other Materials:		Alemdaroğlu, T. (1998). Ağaç Kimyası. Gazi Büro Kitabevi, Ankara. Eriç, M., (1994). Yapı Fiziği ve Malzemesi. Literatür Yayınları, İstanbul. Günay, R. (2002). Geleneksel Ahşap Yapılar Sorunları ve Çözüm Yolları. Birsen Yayınevi, İstanbul. Örs, Y., Keskin, H. (2001). Ağaç Malzeme Bilgisi. Atlas Yayın Dağıtım, Ankara. Perker, Z.S. (2004). Geleneksel Ahşap Yapılarımızda Kullanım Sürecinde Oluşan Yapı Elemanı Bozulmalarının Cumalıkızık Örneğinde İncelenmesi, Uludağ Üniversitesi Fen Bilimleri Enstitüsü Mimarlık Anabilim Dalı, Yapı Bilim Dalı, Yüksek Lisans Tezi, Bursa. Richardson, B.A. (1993). Wood Preservation. E. & F.N. Spon. Wood Preservation, NSW Heritage Office Information Sheet, The Maintenance Series 5.1. Morrel, J. (2008). Wood Preservation, University Of					
23	Assesment		Missouri Extension Publishing.					
TERM L	EARNING ACTIVITIES	NUMBE R	WEIGHT					
Midtern	n Exam	1	20.00					
Quiz		0	0.00					
Home work-project 1		1	20.00					

Final Exam	1	60.00					
Total	3	100.00					
Contribution of Term (Year) Learning Activities Success Grade	es to	40.00					
Contribution of Final Exam to Success Grade	Э	60.00					
Total		100.00					
Measurement and Evaluation Techniques Us 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							

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

2010 Great of the Course								0.00								
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	5	4	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	5	5	4	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	5	5	4	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	5	5	5	5	0	3	0	0	0	0	0	0	0	0	0	0
ÖK5	5	5	5	5	0	3	0	0	0	0	0	0	0	0	0	0
		l	LO: L	earr	ning (Objec	tive	s P	Q: P	rogra	m Qu	alifica	tions	;	1	<u>.I. </u>
Contrib 1 very low ution Level:		2 low 3 Med			Medi	um	4 High			5 Very High						