DATA EVALUTION IN BUILDINGMATERIALS									
1	Course Title:	DATA E	/ALUTION IN BUILDINGMATERIALS						
2	Course Code:	MIM6037							
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 f	ace						
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 scientific methods behind building materials such as data collection, summerization, presentation, analysing and concluding.							
19	Contribution of the Course to Professional Development:	This course contributes to professional development in understanding and interpreting the data related to the properties of the building material, thus using the building material in accordance with its performance and realizing the correct architectural practices.							
20	Learning Outcomes:								
		1	Teaching scientific methods behind building materials such as data collection, summerization, presentation, analysing and concluding.						
		2							
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21	Course Content:								
		Co	urse Content:						
	Theoretical		Practice						
1	Introducing the scope and introduction course, extracting the resources of the course	ne course							
2	Building material definition and class	itication							
3	Data in building material science								
4	Data types in building materials scier	nce							

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5	Data on the microstructure properties building material	s of the								
6	Data on visual properties of building	materials								
7	Data on physical properties of buildir materials	ng								
8	Data on chemical properties of buildi materials	ng								
9	Data on mechanical properties of bui materials	ilding								
10	Data on the technological properties building materials	of								
11	Data collection in building materials s	science								
12	Data processing and organization in materials science	building								
13	Data analysis and interpretation in bumaterials science	uilding								
14	Data analysis and interpretation in bumaterials science	uilding								
22	Textbooks, References and/or Other Materials:		Duggal, S.K. (2008). Building Materials, New Age International Publishers. Gale, F., Weiss, N.R. (2009). Update on Building Materials Research. Toydemir, N. (2011). Yapı Elemanı Tasarımında Malzeme, Literatür Yayıncılık. ISC (2012). Research and Evaluate Construction Materials and Methods for Complex Building Design Projects.							
23	Assesment									
TERM L	EARNING ACTIVITIES	NUMBE R	WEIGHT							
Midtern	n Exam	1	20.00							
Quiz		0	0.00							
Home v	vork-project	1	20.00							
Final E	xam	1	60.00							
Total		3	100.00							
	Contribution of Term (Year) Learning Activities to Success Grade		40.00							
Contrib	ution of Final Exam to Success Grade	Э	60.00							
Total			100.00							
Measur Course	ement and Evaluation Techniques Us	sed in the	Course success is evaluated through the midterm exam (written exam), final exam (written exam) and homework.							
24	24 ECTS / WORK LOAD TABLE									

Contrib	1 very low			2 low			3	Medi	ium	m 4 High			5 Very High								
			_O: L		ning C	Objec					ım Qu		tions								
ÖK1	4	0	4	5	0	0	5	0	0	0	0	0	0	0	0	0					
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16					
25		(	CON	TRIE	BUTIC	N OI				OUTC		S TO I	PROC	GRAMME							
ECTS Cred	dit of t	he Co	urse													6.00					
Total work	load/	30 hr														6.00					
Total Work Load																183.00					
Final Exams								1	1			3.00	3.00			3.00					
Others								(	0			0.00	0.00			0.00					
Midterm exams								1	1			3.00	3.00			3.00					
Field Studies								4	4			2.00	2.00			8.00					
Projects								C	0			0.00	0.00			0.00					
Homeworks								1	1			40.00	40.00			40.00					
Self study and preperation								1	14			6.00	6.00			84.00					
Practicals/Labs							C	0			0.00	0.00			0.00						
Theoretical							1	14			3.00	3.00			42.00						
Theoretical	<u> </u>							1	14			3.00			<u>42.</u>						

Number

Activites

ution Level: Duration (hour) Total Work Load (hour)