	COMPUTER AIDED ANALYSIS										
1	Course Title:	COMPU	TER AIDED ANALYSIS								
2	Course Code:	MKNS22	21								
3	Type of Course:	Optional									
4	Level of Course:	Short Cy	rcle								
5	Year of Study:	2									
6	Semester:	3									
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:	Needs 2	D and 3D knowledge.								
12	Language:	Turkish									
13	Mode of Delivery:	Face to t	face								
14	Course Coordinator:	Öğr. Gör. Dr. TOLGA MERAL									
15	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları.									
16	Contact information of the Course	Öğr. Gör. Tolga MERAL									
	Coordinator:	tolgameral@uludag.edu.tr									
17	Website:										
18	Objective of the Course:	Making engineering analysis using computer Aided analysis software.									
19	Contribution of the Course to Professional Development:	Understanding the concept of finite element method.									
20	Learning Outcomes:	arning Outcomes:									
		1	Modelling phsical case in Engineering.								
		2	Structural analysis								
		3	Dnynamic analysis								
		4	Thermal analysis								
		5									
		6									
		7									
		8									
		9									
		10									
21	Course Content:										
		Co	ourse Content:								
	Theoretical		Practice								
1	Introduction to modeling										
2	Numerical analysis techniques										
3	Finite element method										

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5						ent type perties		al										
6	Anal	lysis	proce	dure (	creati	on of tl	he mo	del)										
7	Midt	erm	Exam															
8	Analysis procedure (creation of the finite element network)																	
9	Analysis procedure (Analysis)																	
10	Ana	lvsis	proce	dure (	Revie	ws)												
11	- , , ,																	
12			structu ons wi		alysis	softwa	are											
13	ANSYS structural analysis software applications with																	
14	ANS	SYS s	structu	ıral an	alysis	softwa	are											
Activites								Number				Duration (hour)			Total Work Load (hour)			
Theore									A	Ayars manual book				1.00			13.00	
Practic	als/La		nt							13				1.00			13.00	
Self stu	udy a	nd pr	epera	tion			R		7*	1				20.00			20.00	
Homev	vorks									0				0.00			0.00	
<b>Q</b> rujject	s						0	)	0.0	0 20				20.00				
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Others										0				0.00			0.00	
<b>Eionatri</b>	oxations	of T	erm (\	∕ear) l	Learn	ing Act	tivities	to	40	40100				0.00			0.00	
Total V																86.00		
Folatrik	PAHISU	batiF	iso hE	xam to	Suc	cess G	rade		60	60.00							2.87	
ECTS	Credi	t of th	ne Co	urse												3.00		
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24	EC	TS/	WOI	RK L	OAD	TAB	LE											
25			(	CON	TRIE	BUTIC	N O				OUTO		S TO	PROC	SRAM	ME		
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ÖK2	4	4	0	3	4	0	0	3	0	0	0	0	0	0	0	0	0	
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ÖK3	4	0	3	4	0	0	3	0	0	0	0	0	0	0	0	0
ÖK4 4 0 3 4 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0																
Contrib 1 very low ution Level:				2	2 low		3 I	Medi	um	4 High			5 Very High			