COMPUTER AIDED DESING								
1	Course Title:	COMPU	TER AIDED DESING					
2	Course Code:	ELES114	4					
3	Type of Course:	Optional						
4	Level of Course:	Short Cy	cle					
5	Year of Study:	1						
6	Semester:	2						
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 f	ace					
14	Course Coordinator:	Öğr.Gör.	HASAN BAYAZIT					
15	Course Lecturers:	Öğr.Gör. Ömer Eriş						
16	Contact information of the Course Coordinator:	hashan@uludag.edu.tr Tel: 2942345 Adres: U.Ü Teknik Bilimler MYO Görükle						
17	Website:							
18	Objective of the Course:	With this course, students will be able to draw electronic circuits with the program and prepare printed circuit board.						
19	Contribution of the Course to Professional Development:							
20	Learning Outcomes:							
		1	Students can draw analog and digital circuits using a drawing program.					
		2	Student conduct an analysis of analog and digital circuits.					
		3	Stdudents can draw printed circuit boards using a drawing program.					
		4						
		5						
		6						
		7						
		8						
		9						
		10						
21	Course Content:							
		urse Content:						
Week	Theoretical		Practice					
	Introduction.							
2	drawing program and introduction of interface.	program						
3	Introduction of program interface and electrical, electronic circuit symbols.	k						
4	Analog circuits symbols and circuit d	rawing.						

5	Digita	Digital circuits symbols and circuit drawing.															
6	Using visual measuring tools for analog circuits.																
7	Using circu	Using graphics(analysis) menu for analog circuits.															
8	Midte	Midterm exam.															
9	Using visual measurement tools for digital circuits.																
10	Using the graphics menu for digital circuits (analysis) and setup of the printed circuit drawing program.																
11	The introduction of user interface of circuit drawing program.																
12	Electronic circuit symbols and drawing of printed circuit boards by hand.																
13	Create netlist from electronic circuit drawing program.																
14	Auto and p	mati printi	c drav ing.	ving of	f print	ed circ	uit bo	ards									
22	Textbooks, References and/or Other Materials:					Re	Recent electronic simulation and printed circuit software.										
23	Asse	esme	ent														
TERM L	EARN	NING	ACTI	VITIES			N R	IUMBE	E W	EIGHT							
Activites						Number			Duration (hour)			Total Work Load (hour)					
Fhreedred	kiaal						1		6	60160		2.00		28.00			
Practicals/Labs							0			0.00	0.00		0.00				
Selfitsituationand Freperation Learning Activities to						40	40100			2.00			28.00				
Homeworks							1			10.00	10.00		10.00				
Sentribution of Final Exam to Success Grade						60	6000			0.00			0.00				
Field St	Field Studies							0			0.00			0.00			
Mettern	<b>ໃໝ່ຣແກະສາສາກ</b> າລnd Evaluation Techniques Used in the							ie	1		12.00			12.00			
Others								0			0.00			0.00			
										12.00			102.00				
Total w	Juli Work Load													2.00			
FCTS (	TS Credit of the Course													3.00			
-0.00					тоір												
23	25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																
	F	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	B PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	4	1	0	2	5	0	0	4	0	4	0	0	0	0	0	0	0
ÖK2	5	5	0	2	5	0	0	4	0	4	0	0	0	0	0	0	0
ÖK3	3	3	0	2	5	0	0	5	0	4	0	0	0	0	0	0	0
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Contrib	1 very low	2 low	3 Medium	4 High	5 Very High
ution					
Level:					