CNC TURNING MACHINE TECHNOLOGY									
1	Course Title:	CNC TU	RNING MACHINE TECHNOLOGY						
2	Course Code:	MKNS21	1						
3	Type of Course:	Optional							
4	Level of Course:	Short Cy	cle						
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:	NONE							
12	Language:	Turkish							
13	Mode of Delivery:	Face to f	ace						
14	Course Coordinator:	Doç.Dr. /	ABDİL KUŞ						
15	Course Lecturers:	DOÇ.DR. ABDİL KUŞ							
16	Contact information of the Course Coordinator:	abdilkus@uludag.edu.tr, Uludağ Üniversitesi, Teknik Bilimler MYO Görükle-BURSA Tel: 2942344							
17	Website:								
18	Objective of the Course:	The aim of the program is to gain proficiency on writing and production of the parts and usage of the CNC machines							
19	Contribution of the Course to Professional Development:								
20	Learning Outcomes:								
		1	Prepare the CNC machine , and learn the parts						
		2	Writing programas for the CNC turning machines						
		3	Production parts in CNC turning machines,						
		4							
		5							
		6							
		7							
		8							
		9							
		10							
21	21 Course Content:								
		Co	urse Content:						
Week	Theoretical		Practice						
1	CNC lathe features and parts								
2	Types of control panels, buttons and	features							
3	Cutter types, properties and possible	e uses.							
4	Resetting properties of the elements	used.							
5									
0	Beneating pouroes and midtern and								
1	Repeating courses and midterm exa	[1]							

ð	UNC lathes coordinate system.																	
9	Using a CNC lathe programming cycles.																	
10	Using a CNC lathe programming cycles.																	
11	Sub-programming technique and structure.																	
12	CNC looms in the alarm and error codes.																	
13	Measurement and control																	
14	Meas	sure	ment	and co	ontrol													
22	Textbooks, References and/or Other Materials:						1-(2-(3-(To Ya 4-(1-CNC turning operation manual book, 2-CNC turning usage manual book, 3-Gülesin, M., Güllü, A., Avcı, Ö., Akdoğan, G., "CNC Torna ve Freze Tezgahlarının Programlanması", Asil Yayın Dağıtım, Ankara, 2008. 4-Course notes										
23	Asse	esme	nt															
TERM L	EAR	NING	ACTI	VITIES			NUMBE WEIGHT				П							
Midtern	n Exa	ım					1		25	25.00								
Quiz							0	· ·	0.0	0.00								
Home v	work-	proje	ect				1		25	25.00								
Final E	inal Exam 1						50	50.00										
Total 3						10	100.00											
Contribution of Term (Year) Learning Activitie Activites				ivities	<u>to</u>	<u>150</u> 	Number			Duration (hour)			Total Work Load (hour)					
Theore	Theoretical						13			1.00	1.00			13.00				
Practica	Practicals/Labs						-	13 1			1.00	1.00		13.00				
Selt Stude CTS/ WORK I OAD TABLE						13 4.00			52.00									
Homeworks					•	1			6.00			6.00						
Project	rojects						(0			0.00			0.00				
Field S	eld Studies							(0			0.00	0.00			0.00		
Midtern	dterm exams						•	1			1.00	1.00			1.00			
Others	ers							(0			0.00			0.00			
Final E	al Exams							1			0.00			0.00				
Total W	tal Work Load												85.00					
Total w	otal work load/ 30 hr											2.83						
ECTS Credit of the Course												3.00						
25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																		
	F	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16	
ÖK1	C)	0	4	0	0	2	0	0	3	0	2	0	0	0	0	0	
ÖK2		3	0	0	0	5	0	0	4	0	4	0	0	0	0	0	0	
		, 	5	<u> </u>	<u> </u>	5	5		т	Ľ			<u> </u>	Ŭ				
OK3	C)	2	0	1	0	0	1	0	0	1	0	3	0	0	0	0	
	LO: Learning Objectives PQ: Program Qualifications																	

Contrib	1 very low	2 low	3 Medium	4 High	5 Very High
ution					
Level:					