

CNC TURNING MACHINE TECHNOLOGY

1	Course Title:	CNC TURNING MACHINE TECHNOLOGY
2	Course Code:	MKNS211
3	Type of Course:	Optional
4	Level of Course:	Short Cycle
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 face
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,
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21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	CNC lathe features and parts	
2	Types of control panels, buttons and features	
3	Cutter types, properties and possible uses.	
4	Resetting properties of the elements used.	
5	Tool rough cutting	
6	CNC lathe programming principles	
7	Repeating courses and midterm exam	

8	CNC 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	Measurement and control	

23	Assesment
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Contribution of Term (Year) Learning Activities to	50.00
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Total	100.00		
Theoretical	13	1.00	13.00

Self study and preparation	13	4.00	52.00
24 ECTS/WORK LOAD TABLE			

Projects	0	0.00	0.00
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Midterm exams	1	1.00	1.00
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Others	0	0.00	0.00
Final Exams	1	0.00	0.00

Total Work Load			85.00

ECTS Credit of the Course			3.00
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25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS
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LO: Learning Objectives **PQ: Program Qualifications**

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