

# MACHINE DRAWING

1	Course Title:	MACHINE DRAWING
2	Course Code:	MKNZ102
3	Type of Course:	Compulsory
4	Level of Course:	Short Cycle
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:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr.Gör. EROL KILIK
15	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları.
16	Contact information of the Course Coordinator:	Öğr. Gör. Erol KILIK erolk@uludag.edu.tr
17	Website:	
18	Objective of the Course:	Read and understand technical drawings more easily grasp and apply more specific issues to improve the official language of the machine employed.
19	Contribution of the Course to Professional Development:	Technical drawing applications can be made for manufacturing.
20	Learning Outcomes:	
	1	More comfortable to read and understand and apply technical drawings related to the needs, dimensioning, geometric dimensioning, tolerances and surface finish symbols to improve issues such as understanding the language of technical drawing.
	2	Know the effects of geometric dimensioning and tolerancing, manufacturing and assembly.
	3	Technical illustration considering the size and the tolerance of the parts determine its relations with other parts.
	4	Assembly and detail drawings of knowledge and skills will increase the official.
	5	
	6	
	7	
	8	
	9	
	10	
21	Course Content:	
	<b>Course Content:</b>	
Week	Theoretical	Practice

1	Reminders about the concepts and definitions of technical drawings			
2	Technical drawings dimensioning concepts, elements and rules.			
3	Technical illustrations are not suitable dimensioning and scaling methods.			
4	Examples of technical drawing dimensioning and application review.			
5	Geometrik ölçülendirme ve toleranslandırma ihtiyacı.			
6	The advantages of geometric dimensioning and tolerancing.			
7	Geometric symbols and their meanings.			
8	Repeating courses and midterm exam			
9	Surface finish symbols and the importance of related concepts. Surface roughness, surface treatment, signs, symbols and pictures of them on the show.			
10	Toleranslar, kullanılan genel terimler, tolerans sistemleri.			
11	Tolerance zones and symbols, and images on the display.			
12	Studying examples of geometric dimensioning and tolerancing			
13	Assembly and detail in the official draw machine elements			
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical Materials:		14	2.00	28.00
Practicals/Labs		0	0.00	0.00
Self study and preparation		0	0.00	0.00
Homeworks		1	20.00	20.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		1	20.00	20.00
Others		0	0.00	0.00
Final Exams		1	20.00	20.00
Contribution of Term (Year) Learning Activities to		40.00		
Total Work Load				88.00
Contribution of Final Exam to Success Grade		60.00		2.93
ECTS Credit of the Course				3.00
Measurement and Evaluation Techniques Used in the Course		Measurement and evaluation is carried out according to the priciples of Bursa uludag University Associate and Undergraduate Education Regulation.		
24	ECTS / WORK LOAD TABLE			

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	3	3	2	4	3	3	3	3	3	2	3	3	0	0	0	0
ÖK2	3	2	3	3	3	2	3	4	2	3	2	3	0	0	0	0

ÖK3	3	3	3	3	3	3	4	3	2	2	3	3	0	0	0	0
ÖK4	4	3	3	3	3	3	3	4	3	2	3	3	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							