

# MACHINE DRAWING

<b>1</b>	Course Title:	MACHINE DRAWING
<b>2</b>	Course Code:	MKNZ102
<b>3</b>	Type of Course:	Compulsory
<b>4</b>	Level of Course:	Short Cycle
<b>5</b>	Year of Study:	1
<b>6</b>	Semester:	2
<b>7</b>	ECTS Credits Allocated:	3.00
<b>8</b>	Theoretical (hour/week):	2.00
<b>9</b>	Practice (hour/week):	0.00
<b>10</b>	Laboratory (hour/week):	0
<b>11</b>	Prerequisites:	-
<b>12</b>	Language:	Turkish
<b>13</b>	Mode of Delivery:	Face to face
<b>14</b>	Course Coordinator:	Öğr.Gör. EROL KILIK
<b>15</b>	Course Lecturers:	-
<b>16</b>	Contact information of the Course Coordinator:	Öğr. Gör. Erol KILIK erolk@uludag.edu.tr GSM:0532 770 39 28
<b>17</b>	Website:	
<b>18</b>	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.
<b>19</b>	Contribution of the Course to Professional Development:	
<b>20</b>	Learning Outcomes:	
	<b>1</b>	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.
	<b>2</b>	Know the effects of geometric dimensioning and tolerancing, manufacturing and assembly.
	<b>3</b>	Technical illustration considering the size and the tolerance of the parts determine its relations with other parts.
	<b>4</b>	Assembly and detail drawings of knowledge and skills will increase the official.
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<b>21</b>	Course Content:	
	<b>Course Content:</b>	
Week	Theoretical	Practice
<b>1</b>	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.	
14	Mounting the official draw.	
22	Textbooks, References and/or Other Materials:	Lecture notes
23	Assesment	
<b>TERM LEARNING ACTIVITIES</b>		
	<b>NUMBE R</b>	<b>WEIGHT</b>
Midterm Exam	1	25.00
Quiz	0	0.00
Home work-project	1	25.00
Final Exam	1	50.00
Total	3	100.00
Contribution of Term (Year) Learning Activities to Success Grade		50.00
Contribution of Final Exam to Success Grade		50.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		
24	<b>ECTS / WORK LOAD TABLE</b>	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	13	2.00	26.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	20	1.00	20.00
Homeworks	1	20.00	20.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	15.00	15.00
Others	0	0.00	0.00
Final Exams	1	15.00	15.00
Total Work Load			96.00
Total work load/ 30 hr			3.20
ECTS Credit of the Course			3.00

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LO: Learning Objectives    PQ: Program Qualifications</b>																
<b>Contribution Level:</b>	<b>1 very low</b>			<b>2 low</b>			<b>3 Medium</b>			<b>4 High</b>			<b>5 Very High</b>			