

TECHNICAL DRAWING

1	Course Title:	TECHNICAL DRAWING	
2	Course Code:	TEK1005	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	1.00	
9	Practice (hour/week):	2.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	No	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Dr. Öğr. Üyesi GÜLTEKİN KARADERE	
15	Course Lecturers:	Doç. Dr. Gültekin KARADERE	
16	Contact information of the Course Coordinator:	karadere@uludag.edu.tr 224-2941977 UÜ MMF Makine Müh. Bölümü, 16059 Bursa.	
17	Website:		
18	Objective of the Course:	To learn the standards and the rules required to make and understand engineering drawings	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Be able to understand engineering drawings
		2	Be able to sketch engineering components
		3	Be able to draw technical drafts of engineering components
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Introduction		
2	Instrumental drawing and lettering techniques		
3	Standard lettering and lines	Standard lettering practices	
4	Geometric constructions	Geometric drawing practices	
5	Technical sketching	Technical sketching practices	

6	Projection	Projection practices
7	Axonometric projections	Projection practices
8	Repeating courses and midterm exam	
9	Oblique projections	Projection practices
10	Sectional views	Sectional view practices
11	Auxiliary views and Revolutions	Auxiliary view practices
12	Dimensioning	Dimensioning practices
13	Tolerancing	Tolerancing practices
14	Assembly Drawing	Assembly Drawing practices

23	Assesment
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Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical		14		
Home work-project	14	25.00	1.00	14.00
Practicals/Labs		14	2.00	28.00
Self study and preperation		14		
Total	16	100.00	1.00	14.00
Homeworks		14	1.00	14.00
Project Grade		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		1		
Total		100.00	10.00	10.00
Others		0	0.00	0.00
Final Exams		1	10.00	10.00
Total Work Load				90.00
Total work load/ 30 hr				3.00
ECTS Credit of the Course				3.00

LO: Learning Objectives **PQ: Program Qualifications**

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