

BASIC TECHNICAL DRAWING

1	Course Title:	BASIC TECHNICAL DRAWING
2	Course Code:	SRCT107
3	Type of Course:	Compulsory
4	Level of Course:	Short Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	4.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	2.00
10	Laboratory (hour/week):	0
11	Prerequisites:	
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr.Gör. GÜLSEREN KOÇ
15	Course Lecturers:	Öğr. Gör. Gülseren KOÇ
16	Contact information of the Course Coordinator:	Öğr. Gör. Gülseren KOÇ Bursa Uludağ Üniversitesi İznik Meslek Yüksekokulu İznik - BURSA gkdeney@uludag.edu.tr Tel: (0224) 2942668 hat:61835 Cep tel: 05356666697
17	Website:	
18	Objective of the Course:	To teach the language of technical drawing, to enable the objects to derive their views, to complete the missing views and to teach them to read the views according to the design and design. In addition, it is to take the horizontal and vertical cross-section of the objects, to make dimensions and to make them draw by understanding the techniques of perspective drawing.
19	Contribution of the Course to Professional Development:	Learning the meanings of symbols and lines, and three-dimensional thinking, comprehension, transferring this on paper and three-dimensional analysis of two-dimensional drawings on paper will be provided.
20	Learning Outcomes:	
	1	Learning the meanings of symbols and lines, and three-dimensional thinking, comprehension, transferring this on paper and three-dimensional analysis of two-dimensional drawings on paper will be provided.
	2	To be able to draw pictures on technical drawing papers according to their size and features.
	3	Ability to draw standard lines and write with orthogonal and oblique writing types
	4	Ability to use projection planes, types of projections and view extraction methods
	5	To be able to draw the projections and views of the basic shapes, prism and pyramid, to read the given drawings.
	6	To be able to draw the perspectives of objects according to the rules of technical drawing. To be able to read the given perspective.
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21	Course Content:			
	Course Content:			
Week	Theoretical	Practice		
1	Definition and importance of the drawing	Introducing the tools used in technical drawing, explaining the materials that should be specified		
2	Explanation of the meaning of the technical drawing symbols and lines determined by ISO and (TSE)	Placing the technical drawing symbols and lines determined by ISO and (TSE) according to the size of the paper and working		
3	Scale and dimensioning techniques used in technical drawing lecture	Scale and dimensioning techniques used in technical drawing Practical drawing on paper		
4	Expression of geometric drawings about lines	Geometric drawings about lines practical drawing on paper		
5	Expression of geometric drawings about angles	Geometric drawings about angles Practical drawing on paper		
6	Expression of geometric drawings about polygons	Geometric drawings about polygons Practical drawing on paper		
7	Expression of geometric drawings about circles and arcs	Geometric drawings of Circles and Arcs Practical drawing on paper		
8	Geometric drawings of Circles and Arcs Practical drawing on paper	Midterm Exam (Midterm) as Applied Drawing		
9	Definition and properties of ellipse and oval	Practical drawing on paper suitable for ellipse and oval features		
10	Definition of Projection and Perspective, Types of Features Explanation	Making practical drawing by showing the types of Projection and Perspective with examples.		
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical	dimensional real dimensions and to introduce the techniques of placing them on paper	14	2.00	28.00
Practicals/Labs		14	2.00	28.00
Self study	Design and preparation	Views with examples.	28.00	56.00
Homeworks		1	2.00	2.00
Projects		0	0.00	0.00
22 Textbooks, References and/or Other		Teknik Resim/ İ Zeki San. Nail Özcelikler DEHA yayınevi	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		TEKNİK RESİM VE UYGULAMALARI PROJESİ DEKİ ARDURRAHMAN KARABİLİT	2.00	2.00
Others		0	0.00	0.00
Final Exams		Yayınları	2.00	2.00
Total Work Load				120.00
Total work load/ 30 tr				3.93
TERM LEARNING ACTIVITIES		NUMBE	WEIGHT	
ECTS Credit of the Course				4.00
Midterm Exam		1	20.00	
Quiz		1	10.00	
Home work-project		1	10.00	
Final Exam		1	60.00	
Total		4	100.00	
Contribution of Term (Year) Learning Activities to Success Grade		40.00		
Contribution of Final Exam to Success Grade		60.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course		20% midterm exam, 10% short practical exam, 10% homework (in-class work) 60% final		
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	2	1	5	3	3	2	2	2	2	3	3	3	2	1	2
ÖK2	2	2	3	1	2	5	2	4	4	4	3	1	1	2	2	3
ÖK3	1	3	2	3	2	4	3	2	3	3	2	2	3	3	1	3
ÖK4	2	2	2	3	2	2	4	3	2	3	3	2	0	5	3	5
ÖK5	2	3	4	2	1	2	1	3	3	4	3	3	2	1	1	3
ÖK6	2	3	3	2	1	3	3	2	2	3	2	1	3	2	1	5
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			