TECHNICAL DRAWING

1	Course Title:	TECHNICAL DRAWING
2	Course Code:	CNST109
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
11	To introduce three-dimensional geometric shapes and ceramic and glass objects in two dimensions and to apply the techniques of placing them on paper. Description	and glass objects in two dimensions to their real Work with examples.
14	Final exam (final) As a test	End of year exam (final) as Applied Drawing
22	Textbooks, References and/or Other Materials:	Teknik Resim(İ.Zeki Şen, Nail Ozçilingir DEHA yayınevi Teknik Resim Prof. Dr. Nejat Kırac Dora Basım Yayın ABDURRAHMAN KARABULUT Seckin Myo'lar İçin Teknik Resim Mustafa Timur Seckin
23	Assessment	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	14	2.00	28.00
Self study and preperation	2	28.00	56.00
Homeworks	1	2.00	2.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	2.00	2.00
Others	0	0.00	0.00
Final Exams	1	2.00	2.00
Total Work Load			120.00
Total work load / 30 hr			3.93
ECTS Credit of the Course			4.00

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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	76 / 5000 Çeviri sonuçları 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	4	1	3	2	1	3	3	2	3	2	3	3	3	1	4	3
ÖK2	1	2	3	2	1	3	2	4	2	2	3	3	2	1	4	1
ÖK3	2	2	3	1	3	2	3	2	3	2	1	2	2	2	3	3
ÖK4	2	1	3	4	2	2	2	2	2	1	1	1	1	2	1	2
ÖK5	1	2	2	2	2	3	4	3	3	4	3	3	2	4	2	4
ÖK6	1	2	4	1	2	3	2	3	1	3	2	1	3	3	4	4
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	**1 very low**		**2 low**			**3 Medium**				**4 High**			**5 Very High**			