VOCATIONAL TECHNICAL DRAWING

1	Course Title:	VOCATIONAL TECHNICAL DRAWING	
2	Course Code:	SRCT152	
3	Type of Course:	Optional	
4	Level of Course:	Short Cycle	
5	Year of Study:	1	
6	Semester:	2	
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:		
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:	The design of production-based ceramic forms aims to learn project and technical drawings	
19	Contribution of the Course to Professional Development:	In this lesson, daily usage products and ornaments (pen, vase, ashtray), tableware products (cups, plates, teapots,milk jug etc.), production of products (sinks, toilets, etc.) manufactured in sanitary technology includes	
20	Learning Outcomes:		
		1	Drawing the appearance of a ceramic object using the technical drawing rules
		2	Can draw intermediate sections suitable for the manufacture of ceramic objects
		3	Learns how to draw a model by calculating the deformed and shrinking ratios of the ceramic model.
		4	A ceramic product that does not have a technique drawing can generate the necessary technical analysis to be reproduced.
		5	
		6	
		7	
		8	
		9	
		10	
21	Course Content:		
	Course Content:		
Week	Theoretical		Practice

1	Introducing the properties of the articles of use made of ceramics and glass.	Introducing the features of the usage items made of ceramic and glass and showing them as technical drawings
2	Explanation of the meaning of the symbols and lines of the usage articles made of ceramic and glass in accordance with the standards determined by ISO and (TSE)	Placing the symbols and lines of the usage items made of ceramics and glass in accordance with the standards determined by ISO and (TSE) according to the technical drawing paper sizes and working.
3	The scale and dimensioning techniques used in the technical drawing of the articles of use made of ceramics and glass.	Scaling and dimensioning techniques used in technical drawing, practical drawing on paper
4	Calculation of shrinkage rates of usage items made of ceramics and glass after drying and firing	Calculation of shrinkage rates after drying and firing of usage items made of ceramic and glass and practical drawing on paper
5	Area and volume calculation methods of ceramics and glassware and solid materials	Area and volume calculation methods of ceramic and glass utensils and solid materials and practical drawing on paper
6	Methods of calculating the space and volume of the interior space (for example the water in the glass) of the usage items and solid materials made of ceramics and glass	Methods of calculating the area and volume of the interior space (sample water in the glass) of the use items and solid materials made of ceramics and glass and applied drawing on paper
7	To explain how solid materials are expanded (eg cylinder, cone, cube) etc.	Practical drawing on paper, such as explaining how the unfolding of solid materials (eg cylinder, cone, cube) etc.
8	Midterm Exam (Midterm) As a test	Midterm Exam (Midterm) as Applied Drawing
9	Defining the properties of ceramic glassware made in simple geometric shapes	Technical drawing of ceramic glassware made in simple geometric shapes, practical drawing on paper
10	[illegible]	[illegible]
11	Section View Recognition Types and	To make practical drawing by showing the types of Cross
12	To introduce three-dimensional geometric shapes and ceramic and glass objects in two-dimensions and the techniques of placing them on paper.	To apply three-dimensional geometric shapes and ceramic and glass objects in two dimensions to their real paper.
13	handled objects (such as teapots, etc.), to calculate the shrinkage margins	perspective of the objects with lids (such as teapots, etc.) in their actual dimensions and after the shrinkage is rules
22	Textbooks, References and/or Other	Teknik Resim(İ.Zeki Şen, Nail Özçilingir DEHA yayınevi TEKNİK RESİM VE UYGULAMALARI PROF DE ABDURRAHMAN KARABULUT Seçkin Myo'lar İçin Teknik Resim Mustafa Timur Seçkin Yayınları
23	Assesment	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	1.00	14.00
Practicals/Labs	14	2.00	28.00
Self-study and preperation.	10	2.00	20.00
Homeworks	2	10.00	20.00
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			88.00
Total work load/ 30 hr			2.87
ECTS Credit of the Course			3.00

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
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	2	2	3	2	1	3	3	3	2	2	2	2	2	2	2	3
ÖK2	2	2	3	2	2	2	2	2	2	2	3	2	3	2	3	4
ÖK3	2	1	2	2	2	3	3	3	4	1	4	3	4	2	4	2
ÖK4	2	1	3	1	3	2	4	4	2	3	3	4	3	3	3	5

LO: Learning Objectives PQ: Program Qualifications

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