Tarih: 9 Eylül 2025 16:07

Ceramic Glass Department / SERAMİK VE CAM BÖLÜMÜ /

Course Code	Course Name	Teorical	Practice	Laboratory	Credits	ECTS
SER-111	PROFESSIONAL TECHNICAL DRAWING I	1.00	1.00	0.00	2.00	4.00

Course Detail

Course Language	:	Turkish
Qualification Degree	:	Bachelor
Course Type	:	Optional
Preconditions	:	Not
Objectives of the Course	:	The aim of this course is to enable students to learn the principles of technical drawing and perspective, and to gain the ability to draw two- and three-dimensional objects with correct proportions and measurements
Course Contents	:	Definition and importance of technical drawing Drawing tools and line types Geometric drawing and dimensioning Orthographic projection and sectioning Perspective drawing techniques (one, two, and three-point perspective) Technical drawings of ceramic and design objects
Recommended or Required Reading	:	Technical Drawing, Mehmet Arslan, Arslan Publishing. 1995. Perspective Painting and Shadow Drawing Sadettin Çağlarca (2018) İNKILAP KİTABEVİ. T-square, triangle, compass, ruler, Pencil set (H, HB, 2B), eraser, Technical drawing papers (A3, A4), Colored pencils
Planned Learning Activities and Teaching Methods	:	Theoretical lectures, Studio workshops, Individual drawing practices.
Recommended Optional Programme Components	:	Regular attendance and bringing all drawing tools each week are mandatory.
Course Instructors	:	Arş. Gör. Ferit Cihat Sertkaya
Instructor's Assistants	:	there is no
Presentation Of Course	:	It is carried out in the form of theory and practice.
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Course Outcomes

Upon the completion of this course a student :

1 Can create accurate drawings using technical drawing rules and tools.

2 Can draw two- and three-dimensional objects by applying basic types of perspective.

3 Can represent ceramic and design objects using technical drawing language.

Preconditions

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Weekly Contents

	Teorical	Practice	Laboratory	Preparation Info	Teaching Methods	Course Learning Outcomes
1.Week	*Introduction to drawing tools and line types	*Basic line drawing		*Research drawing tools and line types. Teknik Resim, Mehmet Arslan (1995), Arslan Yayıncılık. p.8	*Lecture, Demonstration	Ö.Ç.1 Ö.Ç.1 Ö.Ç.1 Ö.Ç.1
2.Week	*Types of lines and their uses	*Drawing with various line types		*Examine line types in technical drawings. Technical Drawing, Mehmet Arslan (1995), Arslan Publishing. p.25	*Practice, Demonstration	Ö.Ç.1 Ö.Ç.1 Ö.Ç.1 Ö.Ç.1
3.Week	*Basic geometric drawings	*Drawing circles, triangles, squares		*Review examples of geometric drawings. Technical Drawing, Mehmet Arslan (1995), Arslan Publishing. p.33-47	*Practice	Ö.Ç.1 Ö.Ç.1 Ö.Ç.1 Ö.Ç.1
4.Week	*Projection planes and methods	*Surface projection exercises		*Read about projection planes. Technical Drawing, Mehmet Arslan (1995), Arslan Publishing. p.51-109	*Lecture, Practice	Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2
5.Week	*Projection of point, line, and plane	*Projection studies on point and line		*Review basic projection rules. Technical Drawing, Mehmet Arslan (1995), Arslan Publishing. p.51-109	*Practice	Ö.Ç.1 Ö.Ç.1 Ö.Ç.1 Ö.Ç.1
6.Week	*Scale and dimensioning	*Drawing with different scales		*Learn about dimensioning and scaling. Technical Drawing, Mehmet Arslan (1995), Arslan Publishing. s.131-149	*Lecture, Practice	Ö.Ç.1 Ö.Ç.1 Ö.Ç.1 Ö.Ç.1

	Teorical	Practice	Laboratory	Preparation Info	Teaching Methods	Course Learning Outcomes
7.Week	*Dimensioning applications	*Detailed dimension drawings		*Study dimensioning symbols. Technical Drawing, Mehmet Arslan (1995), Arslan Publishing. s.131-149	*Individual Practice	Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2
8.Week	*midterm exam					Ö.Ç.1 Ö.Ç.2
9.Week	*Perspective types and principles	*One- and twopoint perspective drawing		*Examine types of perspective. Technical Drawing, Mehmet Arslan (1995), Arslan Publishing. p.171-174	*Demonstration, Practice	Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2
10.Week	*3D object visualization	*Volumetric perspective drawing		*Study spatial perspective methods. Technical Drawing, Mehmet Arslan (1995), Arslan Publishing. p.171-174	*Practice	Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2
11.Week	*Section types: Full section	*Drawing full section views		*Learn rules of sectioning. Technical Drawing, Mehmet Arslan (1995), Arslan Publishing. p.113-118	*Demonstration, Practice	Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2 Ö.Ç.1 Ö.Ç.2
12.Week	*Full section applications	*Object-based section drawing		*Review previous sectioning examples	*Practice	Ö.Ç.1 Ö.Ç.2 Ö.Ç.3 Ö.Ç.1 Ö.Ç.2 Ö.Ç.3 Ö.Ç.1 Ö.Ç.2 Ö.Ç.3 Ö.Ç.1 Ö.Ç.2 Ö.Ç.3
13.Week	*Half and brokenout section	*Drawing half section		*Study half and regional sections. Technical Drawing, Mehmet Arslan (1995), Arslan Publishing. p.113-118	*Lecture, Practice	Ö.Ç.1 Ö.Ç.2 Ö.Ç.3 Ö.Ç.1 Ö.Ç.2 Ö.Ç.3 Ö.Ç.1 Ö.Ç.2 Ö.Ç.3 Ö.Ç.1 Ö.Ç.2 Ö.Ç.3
14.Week	*Section drawing practice	*Detailed section drawings		*Review all sectioning methods. Technical Drawing, Mehmet Arslan (1995), Arslan Publishing. p.171-174	*Practice	Ö.Ç.1 Ö.Ç.2 Ö.Ç.3 Ö.Ç.1 Ö.Ç.2 Ö.Ç.3 Ö.Ç.1 Ö.Ç.2 Ö.Ç.3 Ö.Ç.1 Ö.Ç.2 Ö.Ç.3
15.Week	*Final Exam					Ö.Ç.1 Ö.Ç.2 Ö.Ç.3

Assesment Methods %
2 Final : 60.000
3 Vize : 40.000

ECTS Workload

Activities	Count	Time(Hour)	Sum of Workload

Program And OutcomeRelation

	P.O. 1	P.O. 2	P.O. 3	P.O. 4	P.O. 5	P.O. 6	P.O. 7	P.O. 8	P.O. 9	P.O. 10	P.O. 11	P.O. 12	P.O. 13	P.O. 14	P.O. 15
L.O. 1	5	3	2	1	3	2	2	1	1	1	5	3	0	4	2
L.O. 2	4	2	3	2	3	1	2	1	1	1	4	2	1	3	2
L.O. 3	5	3	4	2	4	2	3	2	1	1	5	3	2	4	3
Avarage	4.67	2.67	3.00	1.67	3.33	1.67	2.33	1.33	1.00	1.00	4.67	2.67	1.00	3.67	2.33

BEWARE OF PLAGIARISM! Please pay attention to proper academic citation rules and avoid plagiarism, an unethical and academically fraudulent behavior, when completing reports, assignments, or other academic works, and it is treated with the same disciplinary action as cheating in a classroom setting. It is imperative to refrain from presenting another person s ideas, language, expressions, or any other form of intellectual property as your own. Regardless of quality, your assignments/projects/research should reflect your original work. Perfection is not a requirement, and in case of any uncertainties regarding academic writing guidelines, you may seek clarification from your course instructor.

Engel Durumu/Uyarlama Talebi : Engel durumuna ilişkin herhangi bir uyarlama talebinde bulunmak isteyen öğrenciler, dersin öğretim elemanı ya da Nevsehir Engelli Öğrenci Birimi ile en kısa sürede iletişime geçmelidir.