

Vocational School / Construction Technology
2024 - 2025 Academic Year
TECHNICAL DRAWING
Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
TECHNICAL DRAWING	İNŞ1160910	Fall Semester	2+2	3	5
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Short Cycle (Associate's Degree)				
Course Type	Required				
Course Coordinator	Lect. Özge KARABAY				
Name of Lecturer(s)	Lect. Özge KARABAY, Lect. Ahmet OKUTAN				
Assistant(s)					
Aim	To provide technical drawing ability within the scope of fundamental technical drawing rules and to improve comprehension ability of technical drawing				
Course Content	This course contains; Orientation to Technical Drawing and Introduction of Equipments, Technical Writing Using Technical Drawing Equipment, Line Types, Drawing Exercises, Geometrical Drawings, Projection, View Drawings, View Drawings, Midterm, Dimensioning, Section View Drawing, Section View Drawing, Section View Drawing, 3D Perspective Drawing, 3D Perspective Drawing.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
The student is able to draw views and sectional views of a given object or space.			14, 6, 9	A, E	
The student dimensions the technical drawings according to technical drawing rules.			14, 6, 9	A, E	
The student designs a technical drawing sheet.			14, 6, 9	A, E	
The student interprets a given technical drawing sheet.			14, 6, 9	A, E	
The student draws the 3D perspective view of a given object/space by using 2D views.			14, 6, 9	A, E	
The student reads the application details of a given product/space from the technical drawing sheet.			14, 6, 9	A, E	
The student visualizes the details of a given object/space in two dimensions by using technical drawing.			14, 6, 9	A, E	
The student explains the application details of a given product/space by using a technical drawing sheet.			14, 6, 9	A, E	
Teaching Methods	14: Self Study Method, 6: Experiential Learning, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam, E: Homework				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Orientation to Technical Drawing and Introduction of Equipments	-			
2	Technical Writing Using Technical Drawing Equipment				
3	Line Types, Drawing Exercises				
4	Geometrical Drawings				
5	Projection				
6	View Drawings				
7	View Drawings				
8	Midterm				
9	Dimensioning				
10	Section View Drawing				
11	Section View Drawing				
12	Section View Drawing				
13	3D Perspective Drawing				
14	3D Perspective Drawing				
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources
Lecture notes, Presentations. İ. Z. ŞEN, N. ÖZÇİLİNGİR, 2007, TEKNİK RESİM, TEMEL BİLGİLER, DE-HA YAYINCILIK. U. KURZ, H., WITTEL, 2012, TEKNİK RESİM, NOBEL YAYINLARI.