ESOGU Faculty of Art and Design
Industrial Design Department
COURSE INFORMATION FORM

SEMESTER	Spring

COURSE CODE	1411xxx	COURSE NAME	Technical Drawing II

SEMESTER	WEEKLY COURSE PERIOD			COURSE OF			
	Theory	Practice	Laboratory	Credit	ECTS	Type	Language
2	1	2	0	2	5	COMPULSORY (X) ELECTIVE ( )	Turkish

COURSE CATEGORY				
Basic Education	Design	Natural and Applied Science	Social Science	Art
	X	X		

ASSESSMENT CRITERIA			
	Evaluation Type	**Quantity**	**%**
MID-TERM	1st Mid-Term	1	40
	2nd Mid-Term		
	Quiz		
	Homework		
	Project		
	Report		
	Others (………)		
FINAL EXAM		1	60

PREREQUIEITE(S)	-
COURSE DESCRIPTION	This course is designed to provide a basis for the use of AutoCAD, which is a digital technical drawing software. This course covers the basic CAD commands, tools, multi-view drawing and dimensioning techniques.
COURSE OBJECTIVES	This course aims to teach students the use of the AutoCAD program so that they can draw technical drawings in the digital environment.
ADDITIVE OF COURSE TO APPLY PROFESSIONAL EDUCATION	To teach the AutoCAD program is being used frequently in professional life.
COURSE OUTCOMES	1. Open and read technical drawing files prepared with AutoCAD. 2. Draw technical drawings in the digital environment per EN, ISO and ANSI standards using the AutoCAD program
TEXTBOOK	AutoCAD 2021 Beginning and Intermediate; Munir Hamad, Mercury Learning & Information, 2020
OTHER REFERENCES	Bilgisayar Destekli Çizim I, MEGEP, Ankara 2007
TOOLS AND EQUIPMENTS REQUIRED	N/A

WEEKLY COURSE SYLLABUS

WEEK	TOPICS
1	Introduction to AutoCAD
2	AutoCAD's user interface, default settings and Units
3	Work with basic commands including SNAP, GRID, ORTHO, and POLAR tools
4	Types of object selections and introduction to drawing commands
5	Drawing commands exercises
6	Introduction to modifying commands
7	Modifying commands exercises
8	**Mid-Term**
9	Exercises of creating layers and assigning properties as line weights, line types, colour
10	Introduction to Annotate panel
11	Dimensioning commands
12	Dimensioning commands exercises
13	Introduction to Blocks panel
14	Hatching commands and adding texts
15	Page setups for plotting
16	**Final Exam**

NO	PROGRAM OUTCOMES	Contribution Level		
		3	2	1
1	Within cultural, historical and artistic context the ability to integrate theoretical knowledge about production and consumption mechanisms into the design practice;			X
2	The ability to plan the design process, to choose and use appropriate methods and techniques;		X	
3	The ability to identify design problems and related sub-problems and to produce creative solutions with a critical and dialectical approach;			X
4	The ability to design in terms of spatial thinking using design principles and elements;		X	
5	The ability to make applications in the interaction of aesthetics and function using design elements and means and to evaluate these applications;			X
6	The ability to visualize and present using two and three dimensional design tools;	X		
7	The ability to follow and apply technological developments, current design approaches, sustainable production methods, materials and innovations in the field of informatics in design projects;			X
8	The ability to use field knowledge in industrial design projects by considering the needs and interests of the society and target users within the scope of environmental awareness, professional ethics and the laws;			X
9	The ability to carry out the design process effectively individually or in a team;			X
10	The ability to take an active role in discipline-specific or interdisciplinary studies at the national and international levels.		X	

1: None. 2: Partial contribution. 3: Complete contribution.

Instructor(s): Asst. Prof. Dr. Nazife Aslı KAYA ÜÇOK

Signature: **Date:**