



# Akdeniz University

Rektörlük  
Rektörlük Servis

ENF 114 Computer Aided Drawing and Design					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
1	ENF 114	Computer Aided Drawing and Design	2	2	2

**Mode of Delivery:**

Face to Face

**Language of Instruction:**

Turkish

**Level of Course Unit:**

Bachelor's Degree

**Work Placement(s):**

No

**Department / Program:**

Rektörlük Servis

**Type of Course Unit:**

Required

**Objectives of the Course:**

Understanding the place of computer aided design tools in the communication sector, introducing the software used extensively in the sector, and improving the ability to use these programs.

**Content of the Course:**

Basic design software.

**Prerequisites and co-requisites:****Course Coordinator:**

Instructor Ramazan UYAR

**Name of Lecturers:**

Instructor Ramazan UYAR

**Assistants:****Recommended or Required Reading****Resources**

BERTOLINE,J.,Graphics For Engineers ,Adion-Wesley Publishing Company ,U.S.A 2004 ÖZDAŞ ,M GEDİKTAŞ ,M Teknik Resim , Çağlayan Kitabevi, İstanbul, 1995  
Will be given in the course on a weekly basis.

**Course Category**

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:	100	Health	:	
Social Sciences	:		Field	:	

**Weekly Detailed Course Contents**

Week	Topics	Study Materials	Materials
1	Basic CAD concepts		
2	Basic CAD Commands		
3	Basic Drawing Commands		
4	Dimensioning		
5	Dimensioning		
6	Perspective Drawings		
7	Adding Drawings from Blocks and External Environment		
8	Midterm Exam		
9	Isometric Drawings and Working in 3D Plane		
10	3D Surface Modeling		
11	Correction and Editing Commands in 3D Drawings		
12	3D Drawing and Design		
13	3D Drawing and Design		
14	Creating 3D Perspective		
15	Printing Drawings from the Printer		
16	Final Exam		

**Course Learning Outcomes**

No	Learning Outcomes
C01	Recognize the basic CAD concept and the drawing program screen.
C02	Can comprehend the basics of dimensioning in 2D drawings and can make measurements on the drawing using CAD commands.
C03	Can make printer settings and print out the drawing.
C04	Can understand the basics of 3D drawings and has skills in 3D surface modeling.

Assessment Methods and Criteria		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
<b>Total</b>		<b>%100</b>

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	2	28
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	20	20
<b>Total Work Load</b>			<b>58</b>
<b>ECTS Credit of the Course</b>			<b>2</b>

Contribution of Learning Outcomes to Programme Outcomes
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