



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Computer-Aided Occupational Drawing I							
Course Code		İNA215		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Student will be able to make professional drawings using CAD program.							
Course Content		Package Program Setup, CAD Program Instructions, CAD Program Drawing Settings, Toolbars, Basic Computer Operations							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, Project Based Study, Individual Study, Problem Solving					
Name of Lecturer(s)		Lec. Çağlar ALTAY							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Design CAD (D. Çerçi, Ö. BAĞCI)
2	Computer aided design (Dr.M.C. KAYACAN, Dr. Ş.A. ÇELİK)

Week	Weekly Detailed Course Contents	
1	Theoretical	Package Program Setup
2	Theoretical	CAD Program Instructions
	Practice	CAD Program Instructions
3	Theoretical	CAD Program Instructions
	Practice	CAD Program Instructions
4	Theoretical	CAD Program Drawing Settings, Toolbars
	Practice	CAD Program Drawing Settings, Toolbars
5	Theoretical	Basic Computer Operations
	Practice	Basic Computer Operations
6	Theoretical	Detail Drawings
	Practice	Detail Drawings
7	Theoretical	Detail Drawings
	Practice	Detail Drawings
8	Theoretical	Detail Drawings
	Practice	Detail Drawings
9	Practice	Midterm
	Intermediate Exam	Midterm
10	Theoretical	Detail Drawings
	Practice	Detail Drawings
11	Theoretical	Detail Drawings
	Practice	Detail Drawings
12	Theoretical	Measuring Commands
	Practice	Measuring Commands
13	Theoretical	Furnishing and Screening
	Practice	Furnishing and Screening
14	Theoretical	Last Actions
	Practice	Last Actions
15	Theoretical	Outputting Operations
	Practice	Outputting Operations



16	Practice	Semester final exam
	Final Exam	Semester final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	2	0	3	6
Reading	1	4	0	4
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	A CAD package program will be available
2	Will be able to use a CAD package program
3	Will be able to draw plane geometric shapes using common CAD commands
4	It will be able to draw structural elements using CAD commands.
5	Print settings and print

Programme Outcomes (Construction Technology)

1	Being able to have professional knowledge and skills as a result of being supported by the application on vocational qualifications gained in secondary education
2	To choose and use building materials
3	Building installations can be done
4	Applying concrete technology
5	Construction of roads
6	To be able to make professional computer applications
7	Technical drawings
8	Making professional drawing
9	Bidding and contracting
10	To be able to organize the site
11	Control and documentation of manufacturing
12	Can make application of building repair and strengthening works
13	To be able to determine soil types and make soil tests
14	Can control water supply and transmission activities
15	Making waste treatment facilities for polluting resources
16	Projecting of construction elements
17	Being able to make a professional project
18	Make land measurements
19	To be able to make professional practices

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	5	5	5	5	5
P5	5	5	5	5	5
P6	5	5	5	5	5
P8	4	4	4	4	4
P12	4	4	4	4	4
P16	4	4	4	4	4
P17	4	4	4	4	4
P18	4	4	4	4	4
P19	4	4	4	4	4

