AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Computer-Aided Software								
Course Code	İNA256		Couse Level		Short Cycle (Associate's Degree)				
ECTS Credit	4	Workload	100 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	To make architectural project drawings with the help of CAD system. To make architectural detail drawings with the help of CAD system. To be able to apply drawing principles of reinforced concrete elements with the help of CAD system. Be able to understand the drawing method of drawn pictures.								
Course Content	The Computer Aided Package Programs course is based on the application of hand drawing techniques in CAD system. Student should be able to apply architectural and reinforced concrete detail drawings in CAD environment with plan sections and views.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Case Study, Project Based Study, Individual Study, Problem Solving								
Name of Lecturer(s)	Ins. İbrahim Engin ÖZTÜRK								

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	-Preparing the architectural project with a simple design with the CAD system
2	Theoretical	-Preparing the architectural project with a simple design with the CAD system
3	Theoretical	-Preparing the architectural project with a simple design with the CAD system
4	Theoretical	-Preparing the architectural project with a simple design with the CAD system
5	Theoretical	-Preparing the architectural project with a simple design with the CAD system
6	Theoretical	-Preparing the architectural project with a simple design with the CAD system
7	Theoretical	-Preparing the architectural project with a simple design with the CAD system
8	Theoretical	-Preparing the architectural project with a simple design with the CAD system
9	Intermediate Exam	-Midterm
10	Theoretical	-Architectural detail drawings with CAD system
11	Theoretical	-Architectural detail drawings with CAD system
12	Theoretical	-Detail drawing of reinforced concrete elements with CAD system
13	Theoretical	-Detail drawing of reinforced concrete elements with CAD system
14	Theoretical	-Drawing projects prepared by CAD
15	Theoretical	-Drawing projects prepared by CAD
16	Final Exam	-Year Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	1	0	20	20
Seminar	1	0	10	10
Term Project	1	0	12	12
Project	1	0	20	20

Individual Work	1	0	10	10
			Total Workload (Hours)	100
			[Total Workload (Hours) / 25*] = **ECTS**	4
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	To apply manual drawing techniques in CAD system.
2	Draw plan sections and views
3	To draw architectural and reinforced concrete details
4	Application project application in CAD environment.
5	Architectural detail drawings with CAD system

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	4				4
P2	4				4
P3	4				4
P4	4				4
P5	4				4
P6	4	5	5	5	4
P7	4	5	5	5	4
P8	4	5	5	5	4
P9	4				4
P10	4				4
P11	4				4
P12	4				4
P13	4				4
P14	4				4
P15	4				4
P16	4				4
P17	4				4
P18	4				4
P19	4				4