AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Construction Technical Drawing								
Course Code	İNA109		Couse Level	Short Cycle (Associate's Degree)					
ECTS Credit	4	Workload	100 *(Hours)*	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	With this course students; With this course, the student will be able to draw plane and objects using technical drawing tools.								
Course Content	Fundamentals of technical drawing, Scale drawing, Measuring Geometric drawings, Plane, Projection of geometric objects, Interfaces of planes, Perspective of simple parts, Basic view drawings, Full sections of parts and scanning								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, 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	Construction Technical Drawing (İsmet DANIŞ)
2	Technical Drawing (Prof.Dr.Nejat KIRAÇ)

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic Principles of Technical Drawing
2	Theoretical	Scale drawing
	Practice	Scale drawing
3	Theoretical	Scale drawing
	Practice	Scale drawing
4	Theoretical	sizing
	Practice	sizing
5	Theoretical	Geometric drawings
	Practice	Geometric drawings
6	Theoretical	Projection of plane
	Practice	Projection of plane
7	Theoretical	Projection of geometric objects
	Practice	Projection of geometric objects
8	Theoretical	Projection of geometric objects
	Practice	Projection of geometric objects
9	Practice	Midterm
	Intermediate Exam	Midterm
10	Theoretical	Projection of geometric objects
	Practice	Projection of geometric objects
11	Theoretical	Arrangement of planes
	Practice	Arrangement of planes
12	Theoretical	Perspective of simple parts
	Practice	Perspective of simple parts
13	Theoretical	Perspective of simple parts
	Practice	Perspective of simple parts
14	Theoretical	Basic appearance drawings
	Practice	Basic appearance drawings
15	Theoretical	Full sections of parts and screening

15	Practice	Full sections of parts and screening
16	Practice	Semester final exam
	Final Exam	Semester final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Seminar	11	0	2	22
Reading	10	0	1	10
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
			Total Workload (Hours)	100
			[Total Workload (Hours) / 25*] = **ECTS**	4

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes

1	Technical drawing applications
2	Projection drawings
3	He will be able to draw basic perspective drawings of perspective and cismin.
4	Perspective of simple parts
5	Full sections of parts and screening

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
P1	5	5	5
P5	4	4	4
P7	5	5	5
P8	5	5	5
P16	5	5	5
P17	4	4	4
P18	3	3	3
P19	3	3	3