



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Field Surveying							
Course Code		İNA210		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		With this course, the student will be able to apply the necessary field measurement techniques and basic calculations in his profession.							
Course Content		Land surveying techniques, Leveling work, Electronic land surveying instruments Length Cutting, Top Cutting, Plankote Measurements							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Experiment, Demonstration, Discussion, Case Study, Project Based Study, Individual Study, Problem Solving					
Name of Lecturer(s)		İns. İbrahim Engin ÖZTÜRK							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Topography (prof.dr.c.inal was yrd.doç.dr.a., prof.dr.f.yıldız)
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Week	Weekly Detailed Course Contents	
1	Theoretical	Field surveying techniques
2	Theoretical	Field surveying techniques
3	Theoretical	Field surveying techniques
4	Theoretical	Leveling works
5	Theoretical	Leveling works
6	Theoretical	Electronic land surveying instruments
7	Theoretical	Electronic land surveying instruments
8	Theoretical	Electronic land surveying instruments
9	Intermediate Exam	Midterm
10	Theoretical	Length Cutting
11	Theoretical	Length Cutting
12	Theoretical	Top Cutting
13	Theoretical	Top Cutting
14	Theoretical	Plankote Scales
15	Theoretical	Plankote Scales
16	Final Exam	Semester final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	0	4	4
Laboratory	1	0	4	4
Land Work	1	0	2	2
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	Installation and adjustment of land surveying vehicles
2	By taking measurements made in the field, you can calculate area and volume of excavation and fillings
3	He / she will be able to make the profile of the land by taking advantage of the measurement results obtained.
4	Electronic land surveying instruments
5	Length Cutting

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	5	5	5
P10	5	5	5
P14	4	4	4
P15	4	4	4
P16	4	4	4
P18	4	3	4

