



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Introduction To Field Surveying							
Course Code		İNA255		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The students will be able to make basic calculations and application of the field measurement techniques required in the profession with the land survey course.							
Course Content		1.The usage areas of the measurement information, 2.Special and varietal and applicable. 3.Determine area measurements and area calculations.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, 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	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	Topography
2	Theoretical	Topography
3	Theoretical	Measuring units and scales
4	Theoretical	Measuring units and scales
5	Theoretical	Reconstruction knowledge
6	Theoretical	Reconstruction knowledge
7	Theoretical	Measurement errors
8	Theoretical	Measurement errors
9	Intermediate Exam	Midterm
10	Theoretical	Determination of straight lines and Linear measurement
	Practice	Determination of straight lines and Linear measurement
11	Theoretical	Determination of straight lines and Linear measurement
	Practice	Determination of straight lines and Linear measurement
12	Theoretical	Equal Height Curves
	Practice	Equal Height Curves
13	Theoretical	Equal Height Curves
	Practice	Equal Height Curves
14	Theoretical	Angular Measurement and Polygons
	Practice	Angular Measurement and Polygons
15	Theoretical	Angular Measurement and Polygons
	Practice	Angular Measurement and Polygons
16	Final Exam	Semester final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	2	0	5	10
Project	2	0	10	20
Laboratory	2	0	10	20



Reading	1	0	10	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	Usage areas of measurement information
2	Knows and applies scale and types.
3	Know land measurements and area calculations.
4	Installation and adjustment of land surveying vehicles
5	By taking measurements made in the field, you can calculate area and volume of excavation and fillings
6	Know the application of building projects to land.

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	5	5	5
P15	4	4	4
P16	4	4	4
P18	4	3	4

