

Course Code	Course Name	Teorical	Practice	Laboratory	Credits	ECTS
GE209	TOPOGRAPHIC MAPPING	3.00	5.00	0.00	3.00	4.00
Course Detail						
<b>Course Language</b>	: English					
<b>Qualification Degree</b>	: Bachelor					
<b>Course Type</b>	: Compulsory					
<b>Preconditions</b>	: Not					
<b>Objectives of the Course</b>	: Learning the Principles and Applications of Topographic Surveying and Mapping.					
<b>Course Contents</b>	: Topographic Measurement, Computation and Drawing.					
<b>Recommended or Required Reading</b>	: C.D. Ghilani and P.R. Wolf, Elemantary Surveying, Pearson, 2008.					
<b>Planned Learning Activities and Teaching Methods</b>	: Course, Practice, Oral Exam.					
<b>Recommended Optional Programme Components</b>	: -					
<b>Instructors</b>	: Prof. Dr. Mevlüt Yetkin					
<b>Instructor's Assistants</b>	: Lecturer Omer BILGINER					
<b>Presentation Of Course</b>	: Faca to Face, Field Study					
<b>En Son Güncelleme Tarihi:</b>	:					

Course Outcomes

**Upon the completion of this course a student :**

1 Learning the leveling surveys and computations.
2 Learning the total station surveys.
3 Learning the GPS Measurements.
4 To be able to perform traverse measurements and calculations according to the Large Scale Map and Map Information Production Regulation.
5 Learning detail surveys.

Preconditions

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Weekly Contents

	Teorical	Practice	Laboratory	Preparation Info	Teaching Methods	Course Learning Outcomes
1.Week		*General Information about Large Scale Map and Map Information Production Regulation.				
2.Week		*Double Run Leveling				
3.Week		*Profile Leveling - Cross-Section Leveling				
4.Week		*Grid Leveling				
5.Week		*Traversing				
6.Week		*Coordinate Geometry				
7.Week		*Area Measurements				
8.Week		*GPS Surveys I				
9.Week		*GPS Surveys II				
10.Week		*Detail Surveying I				
11.Week		*Detail Surveying II				
12.Week		*Detail Surveying III				
13.Week		*Earthwork Volumes				
14.Week		*Layout				

Assesment Methods %

1 Final : 60.000
2 Mdterms : 40.000

ECTS Workload

Activities	Count	Time(Hour)	Sum of Workload
Vize / Midterms	1	2.00	2.00
Final / Final	1	2.00	2.00

Activities	Count	Time(Hour)	Sum of Workload
Derse Katılım / Attending lectures	15	3.00	45.00
Ara Sınav Hazırlık / Preparation for midterm	1	2.00	2.00
Final Sınavı Hazırlık / Preparation for final	1	5.00	5.00
Saha/Arazi Çalışması	15	5.00	75.00
Rapor	1	1.00	1.00
			Total : 132.00
			Sum of Workload / 30 ( Hour ) : 4
			ECTS : 4.00

Program And OutcomeRelation											
	P.O. 1	P.O. 2	P.O. 3	P.O. 4	P.O. 5	P.O. 6	P.O. 7	P.O. 8	P.O. 9	P.O. 10	P.O. 11
L.O. 1	4	5	0	0	0	0	0	0	4	0	0
L.O. 2	5	4	0	0	0	0	0	0	0	0	0
L.O. 3	5	5	0	0	0	0	0	0	0	0	0
L.O. 4	4	4	0	0	0	0	0	0	4	0	0
L.O. 5	5	5	0	0	0	0	0	0	4	0	0