

Course Code	Course Name	Teorical	Practice	Laboratory	Credits	ECTS
GE433	Photogrammetric Project	3.00	0.00	0.00	3.00	6.00
Course Detail						
<b>Course Language</b>	: English					
<b>Qualification Degree</b>	: Bachelor					
<b>Course Type</b>	: Optional					
<b>Preconditions</b>	: Not					
<b>Objectives of the Course</b>	: The lecture will teach the concept of photogrammetric project and give detailed information about the process from planning to producing final products.					
<b>Course Contents</b>	: Introduction to Photogrammetric project is given and compared with traditional mapping. The steps that should be in the photogrammetric project are defined. The combination of legal content and technical details are explained. Control networks, flight plans and other elements requiring design are given. The final products are detailed with the sample project by giving their control process.					
<b>Recommended or Required Reading</b>	: Kraus, K (2007), Photogrammetry, Geometry from Images and Laser Scans. ISBN: 978-3-11-019007-6					
<b>Planned Learning Activities and Teaching Methods</b>	: Face to face					
<b>Recommended Optional Programme Components</b>	: Weekly contents are correlated					
<b>Instructors</b>	: Dr. Öğr. Üyesi Serkan Karakış					
<b>Instructor's Assistants</b>	: NA					
<b>Presentation Of Course</b>	: Slides, visual materials					
<b>En Son Güncelleme Tarihi:</b>	:					

## Course Outcomes

## Upon the completion of this course a student :

1 understand the relationship between photogrammetric project mapping
2 comprehend project planning and content preparation
3 understand photogrammetric project and its legal process
4 gain design skills with flight plan and control point networks
5 produce photogrammetric products by learning software

## Preconditions

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## Weekly Contents

	Teorical	Practice	Laboratory	Preparation Info	Teaching Methods	Course Learning Outcomes
1.Week	*Introduction					
2.Week	*Differences and similarities of traditional mapping and photogrammetry					
3.Week	*Photogrammetric camera systems					
4.Week	*Carrier platforms					
5.Week	*Project components					
6.Week	*Project components					
7.Week	*Mathematical basis					
8.Week	*Mid-term exam					
9.Week	*Legal basis					
10.Week	*Network design					
11.Week	*Flight plan					
12.Week	*Data acquisition					
13.Week		*Data evaluation				
14.Week		*Photogrammetric evaluation				

## Assesment Methods %

1 Mterms : 20.000
2 Assignment : 20.000
3 Final : 60.000

## ECTS Workload

Activities	Count	Time(Hour)	Sum of Workload
Derse Katılım / Attending lectures	14	3.00	42.00
Ara Sınav Hazırlık / Preparation for midterm	1	10.00	10.00
Vize / Midterms	1	1.00	1.00
Ödev / Assignment	1	80.00	80.00
Proje / Project	1	40.00	40.00
Final / Final	1	1.00	1.00
			Total : 174.00
			Sum of Workload / 30 ( Hour ) : 6
			ECTS : 6.00

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	5	0	5	0	5	0	0	0	0	0	0
L.O. 2	5	0	5	0	5	0	0	0	0	0	0
L.O. 3	5	0	5	0	5	0	0	0	0	0	0
L.O. 4	5	0	5	0	5	0	0	0	0	0	0
L.O. 5	5	0	5	0	5	0	0	0	0	0	0