

MAP INFORMATION AND APPLICATIONS

1	Course Title:	MAP INFORMATION AND APPLICATIONS	
2	Course Code:	SOS0003	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	2	
6	Semester:	3	
7	ECTS Credits Allocated:	4.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:		
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. EMİN ATASOY	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:		
17	Website:		
18	Objective of the Course:	Introduce maps, give information about map drawing methods and teach map reading	
19	Contribution of the Course to Professional Development:	This course aims to provide students with the skills and knowledge to define basic concepts, techniques, methods of analysis, and management functions for geographic management systems in various contexts.	
20	Learning Outcomes:		
		1	Define the basic concepts related to the map
		2	Recognizes the basic properties of maps
		3	Knows map types.
		4	Recognizes units of measurement and basic cartographic signs.
		5	Has the ability to read the map
		6	Know the principles of land regulation.
		7	Can practice jeans correction issues
		8	He can read maps.
		9	Can use GPS
		10	It can organize its measurements using GPS with computer support.
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Definition of map, map types and basic properties of maps		
2	Units of measurement, direction on maps, scale concept		

3	Characteristics of eşyüksel curves and main definitions used in eşyüksel curves plans, general information about eşyüksel curves and slopes, cross-section of land and 3. detecting a map in size			
4	Basic cartographic signs and map reading. Map sections and graphic design			
5	Basic cartographic signs and map reading.			
6	Projections and coordinate systems used in map drawing, nomenclature of maps			
7	Location determinations and measurements via map			
8	Land regulation principles and elevation correction			
9	What is GPS (Global Positioning System) basic principles and principles			
10	Measuring using GPS			
11	Transferring GPS measurement data to computer and mapping			
12	Transferring GPS measurement data to computer and mapping			
13	Mapping GPS measurement data			
14	General replay			
22	Textbooks, References and/or Other Materials:	1. HOAD, Değış, ULUÖTEKİN, Nede. (2006). Kartografya, Ankara, Teknik Yayınev		
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	Yardımcı kaynaklar:	2.00	28.00
Practicals/Labs	0		0.00	0.00
Self study and preperation	1	1. ERKAYA, H., (2011), Çiğme English Ders Notları, Teknik Üniversitesi, İstanbul	20.00	20.00
Homeworks	2		10.00	20.00
Projects	0	(2001), GPS Theory and Practice, 3rd Edition, SpringerWien NewYork.	0.00	0.00
Field Studies	0		0.00	0.00
Midterm exams	4	1. Topoğrafya Çiğme English, Ankara, Nobel Akademik Yayınev	10.00	40.00
Others	0	1. LANDPFAIR, H., C, KLATT, F., (1998), Landscape	0.00	0.00
Final Exams	1	1. Çiğme İngilizce, Ankara, Nobel Akademik Yayınev	40.00	40.00
Total Work Load				118.00
Total work load/ 30 hr				3.93
23 Assessment				
ECTS Credit of the Course				4.00
	R			
Midterm Exam	1	40.00		
Quiz	0	0.00		
Home work-project	0	0.00		
Final Exam	1	60.00		
Total	2	100.00		
Contribution of Term (Year) Learning Activities to Success Grade		40.00		
Contribution of Final Exam to Success Grade		60.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course		Written and multiple choice assessment		

24	ECTS / WORK LOAD TABLE															
25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	2	4	1	3	1	4	1	3	1	5	1	3	1	4	1	5
ÖK2	3	1	4	1	5	1	3	4	4	2	1	3	3	3	2	1
ÖK3	3	1	4	1	4	1	5	2	2	4	2	5	1	4	1	3
ÖK4	1	2	2	3	1	4	2	5	2	1	5	1	2	1	4	2
ÖK5	3	2	1	1	1	3	1	4	4	1	2	2	4	3	3	4
ÖK6	5	3	5	2	4	2	4	1	2	1	1	4	1	3	1	3
ÖK7	1	3	1	2	3	2	4	3	2	1	4	4	1	2	4	2
ÖK8	1	2	2	4	3	1	3	2	4	4	0	2	3	1	2	3
ÖK9	1	2	1	2	4	4	2	3	1	4	1	3	1	1	5	1
ÖK10	2	1	4	4	2	1	2	3	1	3	2	3	4	3	1	2
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			