

GENERAL CARTOGRAPHY

1	Course Title:	GENERAL CARTOGRAPHY	
2	Course Code:	COG1005	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	5.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	2.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:		
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Dr. Öğr. Üyesi ÖMER ÜNSAL	
15	Course Lecturers:	Doç. Dr. ALİ YİĞİT	
16	Contact information of the Course Coordinator:		
17	Website:		
18	Objective of the Course:	Gaining the knowledge and skills necessary for all stages of cartographic (map making technique) and the use of the map, from the creation of the map to its reproduction	
19	Contribution of the Course to Professional Development:	Basic concepts and definitions, World and Turkish cartography, General features of projections, Map making stages, Generalization, Display of landforms on maps, Use of maps, Reproduction of maps. Application subjects such as coordinate, length, area, slope calculations on the map, Map preparation principles, topographic profile analysis, elevation profile, slope, slope analysis, graphic types and drawing principles	
20	Learning Outcomes:		
		1	World and Turkish Cartography history
		2	Map design
		3	Choosing the right projection for the purpose
		4	Use of cartographic representation techniques
		5	Representation of the third dimension on the map
		6	Map reproduction
		7	Map usage
		8	Standards and Quality awareness
		9	
		10	
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Definition of cartography and its place in geography teaching		
2	Development stages of cartography in the world and in our country		

3	Terrestrial globe and Coordinates system	
4	Features and classification of Map Projections	
5	Features to be considered in the selection of Map Projections	Calculation and drawing of Plane Projections
6	Description of the map and Map elements	
7	Map Types	Sheet partitioning system applications
8	Utilizing Maps	Lengthand coordinate measurements
9	Utilizing Maps	Scale-shifting, enlargement and reduction techniques
10	Utilizing Maps	Area and distance measurements on the map
11	Relief display methods	Elevation and relief analysis
12	Map Reading and Interpretation Techniques	Slope and hillside analysis
13	Relief interpretations on topography maps	Profile analysis and blockdiagrams
14	Land drafting and drawing	
22	Textbooks, References and/or Other Materials:	IMHOF, Eduard: Gelände und Karte. Eugen Rentsch Verlag, ZURICH-1950 IMHOF, Eduard: Kartographische Geländedarstellung. Walter de Gruyter & Co. BERLIN-1965: RAISZ, Erwin: Principles of Cartography.McGraw-Hill Book Company NEW YORK-1962 ROBINSON, Arthur H. Elements of Cartography.John Wiley and Sons. Inc. LONDON-1967
23	Assesment	
TERM LEARNING ACTIVITIES		NUMBE R
		WEIGHT
Midterm Exam	1	20.00
Quiz	3	30.00
Home work-project	1	10.00
Final Exam	1	40.00
Total	6	100.00
Contribution of Term (Year) Learning Activities to Success Grade		60.00
Contribution of Final Exam to Success Grade		40.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		Lecture, Question and answer, Case study, Discussion, group work
24	ECTS / WORK LOAD TABLE	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	14	2.00	28.00
Self study and preperation	14	6.00	84.00
Homeworks	3	4.00	12.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	1.00	1.00
Others	0	0.00	0.00
Final Exams	1	1.00	1.00
Total Work Load			155.00
Total work load/ 30 hr			5.13
ECTS Credit of the Course			5.00

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	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	3	0	0	5	3	3	0	0	0	0	0	3	0	0	0	0
ÖK3	3	0	0	5	3	3	0	0	0	0	0	3	0	0	0	0
ÖK4	3	0	0	5	3	3	0	0	0	0	0	3	0	0	0	0
ÖK5	3	0	0	5	3	3	0	0	0	0	0	3	0	0	0	0
ÖK6	3	0	0	5	3	3	0	0	0	0	0	3	0	0	0	0
ÖK7	3	0	0	5	3	3	0	0	0	0	0	3	0	0	0	0
ÖK8	5	0	0	5	4	4	0	0	0	0	0	3	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			