CARTOGRAPHY											
1	Course Title:	CARTO	GRAPHY								
2	Course Code:	HRTZ11	7								
3	Type of Course:	Compuls	ory								
4	Level of Course:	Short Cy	cle								
5	Year of Study:	1									
6	Semester:	1									
7	ECTS Credits Allocated:	4.00									
8	Theoretical (hour/week):	3.00									
9	Practice (hour/week):	0.00									
10	Laboratory (hour/week):	0									
11	Prerequisites:	None									
12	Language:	Turkish									
13	Mode of Delivery:	Face to f	ace								
14	Course Coordinator:	Öğr. Gör	. HÜSEYİN EROĞLU								
15	Course Lecturers:	Meslek y öğretim e	üksekokulları yönetim kurulları tarafından görevlendirilen elemanları.								
16	Contact information of the Course Coordinator:	Öğr. Gör Harita Ka İznik Me E-posta:	Hüseyin EROĞLU adastro Programı slek Yüksekokulu huseyineroglu@uludag.edu.tr								
17	Website:										
18	Objective of the Course:	To understand the map production process.									
19	Contribution of the Course to Professional Development:	It provide process.	es to understand the logic of the entire map production								
20	Learning Outcomes:										
		1	To be able to comprehend the definition and importance of cartography								
		2	To have knowledge about the types of cartography								
		3	To have knowledge about topographic maps								
		4	Understanding the Shape and Size of the Earth								
		5	To have knowledge about scale, map types, function, features, elements								
		6	Learning Geographical Coordinates, Plane Coordinate Systems								
		7	Learning Map Projections and classification								
		8	Understanding Gauss-Kruger and UTM projections								
		9	Understanding orthodrome, loxodrome curves								
		10									
21	Course Content:										
		Co	urse Content:								
Week	I heoretical		Practice								
	Introduction to cartography and basic definitions	;									
2	General cartography, mathematical cartography, thematic cartography										
3	Topographic maps, elevations on ma contour lines	ips,									

4	Form and Size of the Earth																	
5	Scale, map types, function, properties, elements																	
6	Geographical Coordinates, Plane Coordinate Systems																	
7	Map Projections																	
8	Repeating courses and midterm exam																	
9	Distor	tior	n in m	ap pro	jectio	ns												
10	Projec	tio	n Surf	aces a	and L	ocation	S											
11	Classification of Projection Methods																	
12	Classi	fica	ation o	of Proj	ection	Metho	ods											
13	Gauss	s-K	ruger	and U	TM P	rojectio	ons											
14	Special curves on the sphere, orthodrome, loxodrome.																	
22	Textbooks, References and/or Other																	
23	Asses	me	ent															
TERM L	EARNI	NG	ACTI	VITIES	;		N F	NUMBE	W	WEIGHT								
Midtern	n Exan	ו					1		40	10.00								
Quiz	Quiz 0								0.	0.00								
Home v	vork-pi	oie	ect				C)	0.	.00						-		
Activites										Numb	er		Dura	ition (Load (hour)			
Contribution of Term (Year) Learning Activities to								4	hqo			3.00	3.00			42.00		
Practica	Practicals/Labs									0			0.00	0.00			0.00	
Self stu	Self study and preperation									14			5.00	5.00			70.00	
Homew	Homeworks									0			0.00	0.00				
Measur	leasurement and Evaluation Techniques Used in the									order t	o decio	de on th	ne succ	ess in 1	this col	use ₀ 1m	idterm	
Field St	Id Studies									0			0.00		exam	0.00	noaci	
Midtern	Aidterm exams								e	evaluation system that enables the convers					onvers to lette	an of the	e e	
Others									0 0.00						0.00	1.3		
Fi 24 E										1					4.00			
Total W	Total Work Load															120.00		
Total work load/ 30 hr										4.00								
ECTS (CTS Credit of the Course									4.00								
25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																	
	P	Q1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ	8 PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16	
ÖK1	1		1	2	2	1	1	3	1	1	2	1	1	0	0	0	0	
ÖK2	1		1	1	1	2	1	1	2	2	1	1	1	0	0	0	0	
ÖK3	2		1	1	2	2	2	1	3	1	1	1	1	0	0	0	0	
ÖK4	1		2	2	1	1	1	2	1	3	1	1	3	0	0	0	0	

ÖK5	1	2	2	1	3	1	1	1	3	2	1	1	0	0	0	0
ÖK6	1	2	1	1	1	2	1	2	1	1	1	1	0	0	0	0
ÖK7	2	2	1	1	1	2	1	2	1	1	1	2	0	0	0	0
ÖK8	1	1	1	2	3	1	2	1	2	2	1	1	0	0	0	0
ÖK9	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:				2 low			3 Medium			4 High			5 Very High			