PROFESSIONAL TRIGONOMETRY										
1	Course Title:	PROFESSIONAL TRIGONOMETRY								
2	Course Code:	HRTZ10	3							
3	Type of Course:	Compuls	sory							
4	Level of Course:	Short Cy	rcle							
5	Year of Study:	1								
6	Semester:	1								
7	ECTS Credits Allocated:	5.00								
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	face							
14	Course Coordinator:	Öğr.Gör.	. HAKAN KÖSE							
15	Course Lecturers:	Öğr. Gör	r. M. Bahattin KAHRAMAN							
16	Contact information of the Course Coordinator:	Öğr. Gör Harita ve Gemlik A Tel: (224 Fax: (22 E-posta:	r. Hakan KÖSE Adastro Programı Asım Kocabıyık Meslek Yüksekokulu I) 5123491 / 62233 4) 5123491 kosehakan@gmail.com, hakankose@uludag.edu.tr							
17	Website:									
18	Objective of the Course:	To make	the solutions of professional problems							
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	To practice the basic measurment units at mapping							
		2	To make the proces of transforming between angle units							
		3	To make mapping application using trigonometric functions							
		4	To make applications using three-edged shapes							
		5	To understand the importance of the triangle concept at map and cadastre							
		6	To make applications using multilateral shapes							
		7	The multi-edged shapes on part of land divide to triangular or quadrilaterals							
		8	To make applications related wiht basic spheric triangles							
		9								
		10								
21	Course Content:									
		Co	ourse Content:							
Week	Theoretical		Practice							
1	Units of angle and transformations o	t angle								
2	I rigonometric function of acute angle	es								
3	I ransformations of angle function									
4	Small-angle correlation, triangular sh	apes								

5	Trigonometric Fundamental																			
6	Solving Triangle																			
7	Solving Triangle																			
8	Repe	Repeating Courses and Midterm Exam																		
9	Half-angle formulas																			
10	Sum and Difference Formulas																			
11	Four-	side	d sha	ipes, C	Quadr	angle														
12	Defini Angle	ition s	and	Termir	nology	/ of Spl	herica	ıl-												
13	Solvir	ng s	pheric	cal-an	gle															
14	Solvir	ng s	pherio	cal-an	gle															
22	Textbooks, References and/or Other Materials:								Ata TR	asoy V IGON	., 2009 OMET), Mesle Rİ, Mur	ek Yüks athan Y	ekokul ′ayınev	ları için /i, İstan	bul				
23	Asses	sme	nt																	
TERML	EARN	ING	ACTI	VITIES)		N R	UMBE	WE	WEIGHT										
Midtern	n Exar	n					1		30	.00										
Quiz							0		0.0	0.00										
Home \	work-p	roje	ct				1		10	10.00										
Final E	Final Exam 1								60	60.00										
Total 3								10	100.00											
Activites									ſ	Numb	er		Dura	ition (Load (hour)					
Theoretical								TY,	4			3.00	3.00 42.00							
Practicals/Labs								-110)			0.00	0.00			0.00				
Weasurement and Evaluation Techniques Used in the								e 1	14			5.00			70.00					
Homeworks								1	1				10.00							
Project	Projects								(0				0.00			0.00			
Field S	tudies								(0				0.00			0.00			
Midtern	Midterm exams								1	1				10.00			10.00			
Others	Others									0			0.00			0.00				
Final E	Final Exams									1)	12.00					
Total Work Load															144.00					
Total work load/ 30 hr												4.80								
ECTS (ECTS Credit of the Course									5.00										
25	5 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																			
	P	Q1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16			
ÖK1	4		1	1	1	1	1	1	1	1	2	1	1	0	0	0	0			
ÖK2	4		2	1	1	1	1	1	1	1	1	1	1	0	0	0	0			
							-			1	1	1		1	1		-			
ÖK3	3		1	1	1	1	1	1	1	1	1	1	1	0	0	0	0			

ÖK5	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
ÖK6	3	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
ÖK7	4	3	1	1	1	1	1	1	1	1	1	1	0	0	0	0
ÖK8	3	1	1	1	1	1	1	1	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					