	LAI									
1	Course Title:	LAND S	URVEYING III							
2	Course Code:	HRTZ20	9							
3	Type of Course:	Compuls	sory							
4	Level of Course:	Short Cy	cle							
5	Year of Study:	2								
6	Semester:	3								
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:	None								
12	Language:	Turkish								
13	Mode of Delivery:	Face to f	face							
14	Course Coordinator:	Öğr. Gör	. MURAT GÜLER							
15	Course Lecturers:	Meslek \ elemanla	/üksek Okulları Yönetim Kurullarının görevlendirdiği öğretim arı							
16	Contact information of the Course Coordinator:	Gemlik A (0224) 2	or Hakan KÖSE Asım Kocabıyık MYO 2942677-62233 :hakankose@uludag.edu.tr							
17	Website:									
18	Objective of the Course:		rm leveling operations and calculations in cartography, to ngth-cross-section drawings, to calculate cubage.							
19	Contribution of the Course to Professional Development:		the application and basic calculations of land ment techniques required in the profession of cartography.							
20	Learning Outcomes:									
		1	Learning height system and concepts							
		2	Ability to establish, classify and number network points							
		3	Presentation and control of levels							
		4	To be able to measure and calculate the geometric leveling							
		5	Measuring and calculating surface leveling							
		6	Cross section leveling operations							
		7	To be able to calculate trigonometric leveling in short and long distances							
		8	Simple calculation of geoid corrugation							
		9								
		10								
21	Course Content:									
		Co	ourse Content:							
Week	Theoretical		Practice							
1	Height concepts and elevation system Country leveling networks	ms								
2	Definition and classification of levelin establishment of leveling points	ng,								
3	General structure, classification and of levels	controls	Level centering							

4	Based o and calc			levelii	ng mea	asuren	nent															
5		losed and open geometric leveling neasurement and calculation								Field working												
6	Surface	rface leveling and volume calculations								Field working												
7	Length-s drawing	section	leveli	ng an	d long-	sectio	n	Fi	Field working													
8	Repeatir	ng cou	rses a	nd mi	dterm	exam																
9	Cross-se drawing										Field working											
10		Volume calculation with sections and Brückner Diagram																				
11	Trigonor calculati		levelin	g mea	asurem	nent a	nd															
12	Trigonor distance		eveling	g calc	ulation	s in sł	nort	Fi	Field working													
13		Long distance trigonometric leveling calculations								king												
14	4 Determination of ellipsoidal height and geoid corrugation								Field working													
22	22 Textbooks, References and/or Other								Songu C., 2003, Ölçme Bilgisi-I, Birsen Yayınevi, İstanbul													
	Materials																					
									Songu C., 2000, Ölçme Bilgisi-II, Birsen Yayınevi, İstanbul													
A									Koç İ., 1998, Ölçme Bilgisi-I, Gökhan Matbaası, İstan													
Activit	es								Number				ation (Total Work Load (hour)								
Theore	tical							ya	yaγұnları No.:785, Istant					56.00								
Practica	als/Labs								14				2.00			28.00						
Self M t	EXANN	s Acti	Vimes			N	UMBE	W	WÉIGHT				2.00			24.00						
Homew									1				20.00			20.00						
Project	n Exam S					1		2:	2000				0.00									
Field S									0				0.00									
Mattern	nekanisi	ect				1		1:	15 ₁ 00				10.00			10.00						
Others									0				0.00			0.00						
Frial E						3		10	100.00)		15.00							
	Total Work Load												163.00									
Total work load/ 30 hr													5.10									
ECTS Credit of the Course Total									100.00													
	rement ar	nd Eva	luatio	n Tec	hnique	s Use	d in th	ie Q	uantific	ation a	ind cons	siderati	onare	carried	out acco	rding						
Course	•														Associat ulation.	e and						
24	ECTS /	wo	RK L	OAD	TAB	LE								3 3								
24 ECTS / WORK LOAD TABLE 25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																						
									_		_											
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ	B PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16						
ÖK1	5	4	1	1	1	1	1	1	1	1	1	1	0	0	0	0						
ÖK2	5	4	1	1	1	1	1	1	1	1	1	1	0	0	0	0						

ÖK3	5	4	1	1	1	1	1	1	1	1	1	1	0	0	0	0
ÖK4	5	4	1	1	1	1	1	1	1	1	1	1	0	0	0	0
ÖK5	5	4	1	1	1	1	1	1	1	1	1	1	0	0	0	0
ÖK6	5	4	1	1	1	1	1	1	1	1	1	1	0	0	0	0
ÖK7	5	4	1	1	1	1	1	1	1	1	1	1	0	0	0	0
ÖK8	5	4	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 Iow		3 Medium			4 High			5 Very High				