	sc	OIL ME	ECHANICS I								
1	Course Title:	SOIL ME	ECHANICS I								
2	Course Code:	INTZ205									
3	Type of Course:	Compuls	sory								
4	Level of Course:	Short Cy	rcle								
5	Year of Study:	2									
6	Semester:	3									
7	ECTS Credits Allocated:	3.00									
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 t	face								
14	Course Coordinator:	Öğr.Gör.	ENGİN KALAY								
15	Course Lecturers:										
16	Contact information of the Course Coordinator:	enginkal	or. Engin KALAY lay@uludag.edu.tr 12781-61758								
17	Website:										
18	Objective of the Course:	Student can determine to engineering characteristics of the soil wi using soil mechanical laboratory equipments.									
19	Contribution of the Course to Professional Development:	will grad	dent will be able to work in soil mechanics laboratories as he duate with knowledge of ground sampling, soil laboratory and ts, interpretation of test results, structure-ground interaction, rovement. Will be able to inspect and perform soil field tests.								
20	Learning Outcomes:										
		1	Define to soil								
		2	Define to material of soil experiment								
		3	Take to sample from the soil.								
		4	Determine to physical properties of samples taken.								
		5	Do to experiment for physical properties of samples taken.								
		6	Define to soil-water relationship								
		7	Establish to consistency limits according to soil-water relationship								
		8	Classify to soil according to grain diameter								
		9	Use to experimental equipments and device easily.								
		10	Make report to the results of experiments.								
21	Course Content:										
		Course Content:									
	Theoretical		Practice								
1	The general structure of soils in term environmental geotechnics.	s of	Observationof soils								
2	Inspection pits		Open pit inspection								
3	Sampling methods from the ground		Minutes editing								
4	The water content, surface inspectio minutes	n	Minutes editing								

ÖV4							0		_										
		PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ	PQ9	PQ1 0	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16		
25			(CON	IRIE	SU FIO	N O			NING ALIFIC			S TO I	YKO(έΚΑΜ	ME			
ECTS Credit of the Course 3.00																			
Total work load/ 30 hr															3.00				
Total Work Load															90.00				
Final Exams									1			10.00			10.00				
Others										0			0.00			0.00			
Midtern										1			10.00			10.00			
Field S	tudie	1 5/ s	WOI	KKL	OAD	IAB	ᄩ			8			1.00			8.00			
			W/6:	DI4 :	045	T 4 5				0			0.00		0.00				
Homew			<u> </u>							1 6.00						6.00			
Self stu			epera	tion					T	0.00						0.00			
Contrib	ution		inal E	vam to	Suc	COSS C	rada		6	14 2.00						28.00			
Theore	tical									14 2.00						28.00			
Activit	tes									Number Duration (hour) Total W Load (h									
Final E							1		60	60.00									
Home v	work-	proje	ct				1		_	15.00									
Quiz		-					0			0.00									
Midtern	n Exa	am					1		2!	5.00									
TERM L				VITIES			N	IUMBE	w	EIGHT									
23		erials esme																	
22				ferenc	es an	d/or O	ther												
14	Shri	nkag	e limit	Expe	rimen	t			S	hrinkag	e limit	Experin	nent						
13				kperim					_			perimer							
12						penetra	ation	device		quid Ex	•								
11	Liqu	id lim	it test	with (Casag	grande	devic	e.	С	asagra	nde Ex	perime	nt						
10				stribut ethod)		fine-gı	rained	soils	Н	idrome	ter Exp	erimen	t						
9	Natu	ıral u	nit we	eight (s	sand o	cone m	ethod)	S	and Co	ne Exp	erimen	t						
8	Rep	eatin	g cou	rses a	nd mi	dterm	exam												
7	Med	lium-	graine gravity		s rela	tive dei	nsity		D	Determine to Medium-grained soils									
6		-grai			lative	density	/ (spe	cific		Determine to Fine-grained soils									
5	Wet	sieve	e anal	ysis					Α	rrange	of siev	es							

25		QUALIFICATIONS														
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	3	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0

ÖK5	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
ÖK7	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
ÖK8	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
ÖK9	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
ÖK10	0	0	0	0	0	0	0	0	5	0	0	0	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				