SOIL MECHANICS I										
1	Course Title:	SOIL ME	ECHANICS I							
2	Course Code:	INTZ205								
3	Type of Course:	Compuls	ory							
4	Level of Course:	Short Cy	cle							
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 f	ace							
14	Course Coordinator:	Öğr.Gör.	ENGİN KALAY							
15	Course Lecturers:									
16	Contact information of the Course Coordinator:	Öğr. Gör enginkalı 0224711	: Engin KALAY ay@uludag.edu.tr 2781-61758							
17	Website:									
18	Objective of the Course:	Student can determine to engineering characteristics of the soil with using soil mechanical laboratory equipments.								
19	Contribution of the Course to Professional Development:	The student will be able to work in soil mechanics laboratories as he will graduate with knowledge of ground sampling, soil laboratory and field tests, interpretation of test results, structure-ground interaction, soil improvement. 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:									
Week	Theoretical		Practice							
1	The general structure of soils in term environmental geotechnics.	is 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							

5	Wet s	et sieve analysis								Arrange of sieves										
6	Fine- gravit	Fine-grained soils relative density (specific gravity)								Determine to Fine-grained soils										
7	Medi (spec	Medium-grained soils relative density (specific gravity)									Determine to Medium-grained soils									
8	Repe	Repeating courses and midterm exam																		
9	Natural unit weight (sand cone method)									Sand Cone Experiment										
10	Partio (hydr	cle s ome	ize di eter m	stribut ethod)	ion of	fine-gr	rainec	d soils	Hi	Hidrometer Experiment										
11	Liquid	d lim	nit test	with (Casag	grande	devic	e.	Ca	Casagrande Experiment										
12	Liquio	d lirr	nit test	with (Cone	penetra	ation	device	e Lio	Liquid Experiment										
13	Plast	ic Li	mit Ex	kperim	ent				Pla	astic Li	imit Ex	perimer	nt							
14	Shrin	kag	e limit	Expe	rimen	t			Sh	nrinkag	e limit	Experin	nent							
22	Textb Mate	oook rials	s, Re :	ferenc	es an	d/or Ot	ther													
23	Assesment																			
TERM L	EARN	IING	ACTI	VITIES	;		N F	NUMBE R	E WI	WEIGHT										
Midtern	n Exa	m					1		25	25.00										
Quiz							C)	0.0	0.00										
Home v	work-p	oroje	ect				1		15	15.00										
Final E	xam						1		60	60.00										
Activites									Numb	ber		Dura	ition (Load (hour)						
Theore	tical				_					14			2.00	2.00 28.00						
Practica	als/La	of E bs	inal E	vam te		<u>- 2202</u>	rado_			14			2.00	2.00			28.00			
Self study and preperation									0.00 0			0.00			0.00					
Homew	vorks									1			6.00			6.00				
Project	FCT	<u>-s</u> /	WO	RKI		TAR			-	0			0.00			0.00				
Field Studies								1	8			1.00	1.00			8.00				
Midterm exams									1			10.00		10.00						
Others								(0			0.00			0.00					
Final E	Final Exams									1			10.00		10.00					
Total Work Load										90.00										
Total work load/ 30 hr									3.00											
ECTS Credit of the Course										3.00										
25	5 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																			
	P	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				
										1	1	Ī	1	1	1	1	1			
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				