	SOIL PRO	DCES	SING MACHINERY							
1	Course Title:	SOIL PR	OCESSING MACHINERY							
2	Course Code:	TRMZ10	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:	6.00								
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:	Prof. Dr.	Yücel Tekin							
15	Course Lecturers:	Prof. Dr.	Yücel Tekin							
16	Contact information of the Course Coordinator:	2942354								
17	Website:									
18	Objective of the Course:	To introd	o introduce tillage tools, to teach how and where they use.							
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	To inform about the intensity of energy usage by introducing soil tillage							
		2	To introduce primary tillage machines							
		3	To introduce secondary tillage machines							
		4	To Teach the usage of soil tillage machines							
		5	To teach the points to be considered in soil tillage							
		6								
		7								
		8								
		9								
		10								
21	Course Content:									
10/	T	Co	ourse Content:							
	Theoretical		Practice							
2	Properties affecting soil tillage Soil tillage techniques and general p	urposes	General presentation of tillage equipment The methods of using hydraulic arms to be used in soil							
3	of soil tillage		tillage with tractor Demonstration of implements used in tillage systems							
4	Soil tillage methods, Force and soil compaction		Soil compaction measurement in the field							
5	Mouldboard ploughs		The concepts of the mouldboard ploughs will be displayed on the plow							

6	Plo	ugh p	arts						Sh	Show plow parts										
7	Dra	w for	ce, po	wer a	nd Eff	iciency	/ in pl	ows,	Pr	Problem solving										
8	Exa	ım							Ex	Exam										
9		rking I plow		ique ir	the f	ield wi	th disc	plows	s W	Working with plough in the field										
10	Soil	rotat	tillers						W	orking	with ro	tatiller i	n the fie	eld						
11	Sec	onda	ry tilla	ige ma	achine	es, Cul	tivator	s	Int	Introduction of different types of cultivators										
12	Har	rows							W	Working with different types of harrows in the field										
13	Law	n rol	lers ar	nd imp	leme	nt com	binatio	ons	W	Working with different types of rollers in the field										
14																				
22		tbook terials		ferenc	es ar	nd/or O	ther		C. CULPIN, 1992. Farm Machinery (Twelfth Edition). The University Press, Cambridge. ISBN 0-632-03417-3											
23	Ass	esme	ent						•											
TERM LEARNING ACTIVITIES NU							IUMBE	WI	WEIGHT											
Midterm Exam							1		20	20.00										
Quiz 1							1		20	20.00										
Home	work	-proje	ect				0)	0.0	0.00										
Final E	Final Exam 1								60	60.00										
Total							3		10	100.00										
Contrib Activi			·							Number Duration (hour) Total Work Load (hour)										
Total Theore	etical								714	2.00						28.00				
Practic	cals/L	abs		• •			••	1	1	14			2.00			28.00				
Self ₄ st	u d ye	n ¢p	r eader ia	±iΩn ι	ΟΔΓ	TΔR	l F		-	14			3.00			42.00				
Home			110	\\\\ <u>\</u>	OAL	LIAL				14			3.00		42.00					
Projec	ts									1			3.00		3.00					
Field S	Studie	es								14			2.00		28.00					
Midter	m ex	ams								1			3.00		3.00					
Others	Others									1			1.00		1.00					
Final E	Final Exams									1			5.00			5.00				
Total Work Load															180.00					
Total work load/ 30 hr															6.00					
ECTS Credit of the Course								6.00												
25	5			CON	TRIE	BUTIC	ON O				OUTC		S TO I	PROC	SRAM	ME				
		PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16			
ÖK1		4	4	3	4	5	0	0	0	0	0	0	0	0	0	0	0			

20		QUALIFICATIONS														
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	4	4	3	4	5	0	0	0	0	0	0	0	0	0	0	0
ÖK2	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0
ÖK3	3	4	5	3	3	0	0	0	0	0	0	0	0	0	0	0
ÖK4	4	4	5	5	5	0	0	0	0	0	0	0	0	0	0	0

ÖK5	3	4	5	4	5	0	0	0	0	0	0	0	0	0	0	0
Contrib ution Level:	ution															