

# SOIL PROCESSING MACHINERY

1	Course Title:	SOIL PROCESSING MACHINERY	
2	Course Code:	TRMZ103	
3	Type of Course:	Compulsory	
4	Level of Course:	Short Cycle	
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 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 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
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21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
1	Properties affecting soil tillage	General presentation of tillage equipment	
2	Soil tillage techniques and general purposes of soil tillage	The methods of using hydraulic arms to be used in soil tillage with tractor	
3		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	



ÖK5	3	4	5	4	5	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives   PQ: Program Qualifications																
Contrib ution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							