

USE OF TECHNOLOGICAL EQUIPMENT IN FORESTRY

1	Course Title:	USE OF TECHNOLOGICAL EQUIPMENT IN FORESTRY	
2	Course Code:	ORMS216	
3	Type of Course:	Optional	
4	Level of Course:	Short Cycle	
5	Year of Study:	2	
6	Semester:	4	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	1.00	
9	Practice (hour/week):	2.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:		
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Öğr.Gör. SİNAN BABAYİĞİT	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	sbabayigit@uludag.edu.tr Telefon: +90 (224) 841 24 39 Adres: Uludağ Üniversitesi Büyükorhan Meslek Yüksekokulu, Orhan Mah., Dr. İbrahim Öktem Cad., No: 28, 16990 Büyükorhan/Bursa	
17	Website:		
18	Objective of the Course:	To learn technological equipments and developments that are used and will be used in forestry studies.The course aims to teach basic information about methods, techniques, infrastructure, and means of forest harvesting and transportation operations for improving of effecieincy	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Learn the basics about motors and parts
		2	To understand the process of working in forestry machine
		3	Afforestation and machine work in the nursery to have information about
		4	Production and transport jobs to be informed about the work in the machine
		5	Forest road construction machinery to have information about
		6	Forestry machinery to assess the human health and environmental effects
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		10	
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Basic information about mechanization	Slide show of the machines subject to mechanization	
2	Machines, engines and engine parts	The introduction of the chainsaw parts	

3	Power units and driveline	Slide show
4	Mechanization circuits	Slide show
5	General characteristics of machines	The introduction of machinery in the forest business
6	Level of mechanization in forestry in Turkey	Slide show
7	Melioration machines	Slide show of melioration machine
8	Repeating courses and midterm exam	Repeating courses and midterm exam
9	Machinery used in reforestation efforts	Observed to be tracked and wheeled tractors of tracked and wheeled dozers working in the field
10	Forest road construction machinery	Be seen in the field of construction of road transport
11	Production and transport machinery in the work	Land practice
12	The study and application in the field of forest road	Land practice
13	Machine operation efficiency and human health effects of	Slide show
14	Machine work environmental evaluation and Turkey for forestry machine working practices	Slide show

22	Textbooks, References and/or Other Materials:	Acar, H.H. 1999. Ormancılıkta Mekanizasyon Ders Notları., KTÜ Orman Fakültesi Yayın No: 57. Trabzon. Erdaş, O., 1997. Orman Yolları Ders Kitabı I-II, KTÜ Orman Fakültesi, 2 cilt, Yayın No: 25, Trabzon. 744 s Tezer, E., Sabancı, A., 2005. Tarımsal Mekanizasyon I (5. Baskı), Ç.Ü. Ziraat Fakültesi, Genel Yayın No: 44, Ders Kitapları Yayın No:A-7. Adana. 166 s.
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Activites			Number	Duration (hour)	Total Work Load (hour)
23 Assessment			14	1.00	14.00
Theoretical			14	1.00	14.00
TERM LEARNING ACTIVITIES			NUMBER	WEIGHT	
Practicals/Labs			14	2.00	28.00
Midterm Exam			1	1.00	1.00
Self study and preparation			1	1.00	1.00
Homeworks			0	0.00	0.00
Project			0	0.00	0.00
Field Studies			14	1.00	14.00
Term exams			2	10.00	10.00
Others			0	0.00	0.00
Success Grade			1	12.00	12.00
Final Exams			1	12.00	12.00
Total Work Load					92.00
Total work load/ 30 hr			100.00		3.07
ECTS Credit of the Course					3.00
Course					

24	ECTS / WORK LOAD TABLE
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25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	5	5	5	4	3	5	5	5	5	5	0	0	0	0	0	0
ÖK2	4	5	5	4	5	5	5	5	5	5	5	0	0	0	0	0
ÖK3	5	5	4	4	5	5	5	5	5	5	5	5	0	0	0	0

ÖK4	4	4	4	4	5	5	4	5	5	0	0	0	0	0	0	0
ÖK5	3	4	3	3	4	5	4	4	4	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			