

EROSION AND FLOOD CONTROL

1	Course Title:	EROSION AND FLOOD CONTROL	
2	Course Code:	AYHS209	
3	Type of Course:	Optional	
4	Level of Course:	Short Cycle	
5	Year of Study:	2	
6	Semester:	3	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Öğr.Gör. ÖMER GÜNTAN	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	omerguntan@uludag.edu.tr Uludağ Üniversitesi Büyükorhan Meslek Yüksekokulu, Orhan Mah., Dr. İbrahim Öktem Cad., No: 28, 16990 Büyükorhan/Bursa Telefon : +90 (224) 8412439	
17	Website:		
18	Objective of the Course:	Teach the cultural, plant and technical measures to control soil and water losses caused by erosion, to ensure the conservation of crop production and soil conservation.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Can identify the erosion and flooding events with their causes.
		2	Can classify the types of erosion, and detect the signs of erosion.
		3	Can reveal the factors that affect soil erosion
		4	Can explain the development of erosion and flooding events and can suggest solution ways.
		5	Will have sufficient knowledge about gully and coastal control of rivers and apply them
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	

1	Description of the given topics as weeks, examinations related to the course and their contributions to the success score, resources used for course form of processing, the course, made explanations about students' expectations.			
2	Conservation and improvement of soil and water resources			
3	Turkey's land and water resource potential and the problems related to soil.			
4	Definition of soil erosion, its importance, its classification and causes of soil erosion.			
5	Reasons for preparing and accelerate soil erosion			
6	Factors that affect soil erosion			
7	Signs of the existence of the water erosion on field, mechanics of water erosion, affecting factors of water erosion.			
8	Repeating courses and midterm exam			
9	Types of water erosion, damage of water erosion, and its effect agricultural income			
10	Water erosion control			
11	Gully control			
12	Coastal control of river			
13	Wind erosion and its damages			
Activites		Number	Duration (hour)	Total Work Load (hour)
22	Theoretical	14	2.00	28.00
Textbooks, References and/or Other Materials:		• Lumsavaş, Z. Basılmanis ders notları.		
Practicals/Labs		0	0.00	0.00
Self study and preperation		14	2.00	28.00
Homeworks		0	0.00	0.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		1	12.00	12.00
23	Assesment			
Others		0	0.00	0.00
Final Exams		R	1	22.00
Total Work Load				102.00
Quiz		0	0.00	3.00
Total work load/ 30 hr				3.00
ECTS Credit of the Course				3.00
Final Exam		1	60.00	
Total		2	100.00	
Contribution of Term (Year) Learning Activities to Success Grade		40.00		
Contribution of Final Exam to Success Grade		60.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course				
24	ECTS / WORK LOAD TABLE			

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	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			