

INTRODUCTION TO FIELD CROPS

1	Course Title:	INTRODUCTION TO FIELD CROPS
2	Course Code:	TAR1302
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	4.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	-----
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç.Dr. ESRA AYDOĞAN ÇİFÇİ
15	Course Lecturers:	Prof.Dr. Köksal YAĞDI Prof.Dr. Nazan DAĞÜSTÜ Doç.Dr. Uğur BİLGİLİ Doç.Dr. Ayşen UZUN Doç.Dr. Mehmet SİNCİK Doç.Dr. Oya KAÇAR Doç.Dr. Emine BUDAKLI Doç.Dr. Esra AYDOĞAN ÇİFÇİ
16	Contact information of the Course Coordinator:	esra@uludag.edu.tr 0 224 2941526 Uludağ Üniversitesi Ziraat Fakültesi Tarla Bitkileri Bölümü Görükle/Bursa
17	Website:	-----
18	Objective of the Course:	The purpose of the course is to do education and teaching on the subjects related with the growing of cereals, edible legumes, oilseed crops, fibre crops, sugar and starch crops, medicinal plants, management and breeding of pasture, forage crops, medical and aromatic plants, plant breeding and biotechnology. Agricultural engineer who knows cereal, industrial, legume and forage crops and medical and aromatic plants production from seeding to harvest is to developed.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Knows the growing techniques of cereals, edible legumes, industrial crops and forage crops, medical and aromatic plant and ability to learn growing techniques to farmers
	2	Being able to learn problems about general subjects of agronomy in a region
	3	Ability to work on a project related with the solving problems of field crops in a region.
	4	Improving sensitivity of the students about the environmental applications of the field crops.
	5	Knows morphological traits of important field crop species
	6	Ability to identify species of field crops
	7	Learns appropriate storage conditions for field crops produced

	8	They can contribute to audition to farm products for the purposes of the producers		
	9			
	10			
21	Course Content:			
	Course Content:			
Week	Theoretical	Practice		
1	Objectives, vision and outcomes of course and general principles of agriculture			
2	Adaptation, morphological and physiological traits of hot season cereals, culture of maize, rice, and millet			
3	Adaptation, morphological and physiological traits of cool season cereals			
4	Brief knowledges about culture of wheat, barley, oat and rye			
5	Edible legumes; culture of bean , pea, chickpea, lentil, faba and cowpea			
6	Defination, classify and importance of industrial crops, culture of cotton, flax, hemp and sunflower			
7	Culture of soybean, groundnut, sesame, rapeseed, sugar beet and potato			
8	Repeating courses and midterm exam			
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical: Introduction of grasses and legumes, their culture,		14	2.00	28.00
Practicals/Labs		0	0.00	0.00
Self study	The concept and importance of seeding and preparation	7	3.00	21.00
Homeworks		1	5.00	5.00
Projects	Introduction to biotechnology	0	0.00	0.00
Field Studies		3	7.00	21.00
Midterm exams:	Textbooks, References and/or Other Materials: ÖZTÜRK, N., AĞIRTOĞLU, E., YERLİ, N., GÜLER, N. ve GÖKSOY, A.T., 1994. Yana Bitkileri. II. Baskı. Uludağ	1	20.00	20.00
Others		1	5.00	5.00
Final Exams	Ders Kitabı, No: AĞIRTOĞLU, E. 1999. Yana Bitkileri. Uludağ		20.00	20.00
Total Work Load				120.00
Total work load/ 30 hr		TÜRKAN, Z.M. ve GÖKSOY, A.T. 1998. Yağ Bitkileri. U.Ü.		4.00
ECTS Credit of the Course				4.00
		Üniversitesi Basımevi,ISBN 975-6958-03-0,s:250.		
23	Assesment			
TERM LEARNING ACTIVITIES		NUMBER	WEIGHT	
Midterm Exam		1	40.00	
Quiz		0	0.00	
Home work-project		0	0.00	
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	2	2	2	1	1	2	2	1	0	0	0	0	0	0	0	0
ÖK2	1	2	1	1	2	1	1	2	0	0	0	0	0	0	0	0
ÖK3	1	1	1	2	2	1	2	1	0	0	0	0	0	0	0	0
ÖK4	1	2	2	1	2	1	2	2	0	0	0	0	0	0	0	0
ÖK5	2	2	2	1	2	1	2	1	0	0	0	0	0	0	0	0
ÖK6	1	0	1	1	2	0	2	1	0	0	0	0	0	0	0	0
ÖK7	1	2	1	1	0	2	1	1	0	0	0	0	0	0	0	0
ÖK8	1	2	0	1	1	1	1	1	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							