



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Field Crops Growing							
Course Code		TB223		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	4	Workload	100 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		To learn the field farming systems, general growing principles and morphological characteristics of plants in field crops							
Course Content		Field farming systems, classifications of field crops, growing and morphological characteristics of cereals, food legumes, industrial crops and forage crops							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Case Study					
Name of Lecturer(s)		Prof. Aydın ÜNAY, Prof. Mustafa Ali KAYNAK, Prof. Olcay ARABACI, Prof. Öner CANAVAR							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Sepetoğlu, H., 2009. Tarla bitkileri I, Ege Ün. Ziraat Fakültesi Yayın No:569.
2	Gençer, O., 1995. Genel Tarla Bitkileri. Çukurova Ün. Ziraat Fakültesi Ders Kitabı, No:42.
3	Elçi, Ş., Kolsarıcı, Ö., Geçit, H.H., 1987. Tarla Bitkileri. Ankara Ün. Ziraat Fakültesi Yayınları, No:1008

Week	Weekly Detailed Course Contents	
1	Theoretical	Importance and classifications of field crops
	Practice	literature review
2	Theoretical	Field farming systems
	Practice	literature review
3	Theoretical	Importance and morphological characteristics of cereals
	Practice	survey in the collection garden
4	Theoretical	Growing of cereals (wheat, barley, rye, oats, triticale)
	Practice	survey in the collection garden
5	Theoretical	Growing of cereals (corn, rice, millets)
	Practice	survey in the collection garden
6	Theoretical	Importance and morphological characteristics of food legumes
	Practice	survey in the collection garden
7	Theoretical	Growing of food legumes
	Practice	survey in the collection garden
8	Intermediate Exam	midterm exam
9	Theoretical	Importance , morphological characteristics and growing of fiber crops
	Practice	survey in the collection garden
10	Theoretical	Importance , morphological characteristics and growing of oil crops
	Practice	survey in the collection garden
11	Theoretical	Importance , morphological characteristics and growing of starch-sugar crops
	Practice	survey in the collection garden
12	Theoretical	Importance , morphological characteristics and growing of stimulant crops
	Practice	survey in the collection garden
13	Theoretical	Importance , morphological characteristics and growing of medical crops
	Practice	survey in the collection garden
14	Theoretical	Importance , morphological characteristics and growing of forage crops
	Practice	survey in the collection garden
15	Theoretical	Importance of meadows and pastures



15	Practice	literature review
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	1	28
Lecture - Practice	14	1	1	28
Midterm Examination	1	12	2	14
Final Examination	1	28	2	30
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Understanding the importance of field crops in crop production
2	Knowing of field crops
3	Having basic knowledge about the morphological characteristics of field crops and breeding techniques
4	To be able to think about the problems arising in agriculture and to propose solution
5	To be able to demonstrate the production potential of field crops on a national basis

Programme Outcomes (Horticulture)

1	Ability to examine agricultural problems under the light of basic science, mathematics, and agriculture knowledge
2	Ability to plan and apply in different agricultural systems in horticultural crop plants
3	To constitute and realize breeding programmes according to market demands
4	Ability to propagate any kinds of stock materials in horticultural crop plants
5	Ability of transfer of modern technologies to production
6	Ability to have a consciousness of quality in production, storage, and evaluation in horticultural crop plants (To measure, evaluate, and manage different quality parameters)
7	To think analytically of protecting, providing transfer to future, and having responsibility to environment of all plant materials belong to horticultural crop plants area
8	Ability to search, think analytically, reach to knowledge, and obtain solution for solving of agricultural problems (Project, homework, thesis, summer training)
9	Ability to be aware of agricultural problems, to follow them, and to communicate own ideas of these subjects by verbal and written ways (Turkish, social course)
10	To be able to perform in a teamwork
11	Ability to work independently, give decision, and Express own thoughts by occupational-ethic values verbal and written ways in horticultural crop plants
12	Ability to think creatively, innovatively, and analytically, to comprehend the need of lifelong learning, be a part of a related subjects in a web of communication, and to develop by social means

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	5	5	5	5	5
P8	5	5	5	5	5
P12	5	5	5	5	5

