



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 (Dairy Technology)

1	Having sufficient infrastructure in basic sciences and engineering subjects and ability to use the theoretical and applied info instantly in this field.
2	Determining the modern techniques, tools and information technologies required for applications related with his field and ability to use them efficiently
3	Ability for planning, projecting, and designing, following up, analyzing and finding target-driven solutions related with his field
4	Ability to have professional ethic and awareness.
5	Ability to work, decide, express opinions orally and in written individually
6	Ability to participate team studies, taking responsibility, making leadership.
7	Ability to conceive Atatürk's principles and reforms, to communicate in Turkish and foreign language.
8	Ability to comprehend the necessity to learn for a life time, to monitor developments in science and technology and continuously renew himself.
9	Having sufficient level of information about production and quality control of milk and dairy products and also product development, increasing product quality and food security fields.
10	Ability to detect, define, solve problems related with his field and to select and apply suitable methods and modeling techniques for this purpose.
11	To be conscious about workplace applications, worker health, work security and environment subjects, to have knowledge about legal results of the engineering applications related with his subject.

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	4	4	4	4	4
P8	4	4	4	4	4

