



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Field Plants							
Course Code		BTS106		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 (<i>Hours</i>)	Theory	2	Practice	1	Laboratory	0
Objectives of the Course		Learning of basic principals of field cultivation and its production in Turkey; definition, importance, morphological properties and cultivation of cereals, food legumes, industrial plants, forage plants and medicinal plants.							
Course Content		Field Cultivation (Farming systems, soil preparation, rotation, seedling, fertilization, weed management), Importance, adaptation, morphological properties and cultivation of cool season cereals, warm season cereals, food legumes, industrial plants, forage crops and medicinal plants							
Work Placement		Students must have to complete their internship within the required time and properties. The required rules are describes at the Adnan Menderes University, Sultanhisar Vocational School, Student Internship Instructions.							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Individual Study					
Name of Lecturer(s)		Lec. Ali ERKUL							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Field Crops (Industrial Plants): Prof.Dr. Oktay Gencer
2	Field Crops: Prof.Dr. Şahabettin Elçi, Prof.Dr. Özer Kolsarıcı, Prof.Dr. H.Hüseyin Geçit
3	Field Crops I :Prof.Dr. Hasan Sepetoğlu

Week	Weekly Detailed Course Contents	
1	Theoretical	Classification of field crops
2	Theoretical	Field cultivation (Farming Systems)
3	Theoretical	Field cultivation (Soil preparation, rotation, seedling, fertilization, irrigation, weed management)
4	Theoretical	Cool seasons cereals
5	Theoretical	Warm seasons cereals
6	Theoretical	Industrial Plants (Fiber Crops)
7	Theoretical	Industrial Plants (Oil Crops)
8	Intermediate Exam	Midterm
9	Theoretical	Industrial Plants (Starchy and Sugar Crops)
10	Theoretical	Industrial Plants (Stimulant Crops)
11	Theoretical	Food Legumes
12	Theoretical	Forage Plants (Graminaceae)
13	Theoretical	Forage Plants (Leguminosae)
14	Theoretical	Medicinal Plants
15	Theoretical	Medicinal Plants

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	1	14
Assignment	5	6	0	30
Reading	14	1	0	14
Midterm Examination	1	6	1	7



Final Examination	1	6	1	7
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Learning of field crops definition
2	Classification of field crops
3	Learning of definition, importance and purpose of field cultivation
4	Learning of importance of field crops
5	Learning of morphological properties of field crops
6	Learning of cultivation of field crops

Programme Outcomes (Plant Protection)

1	To be able to learn about systematics, morphological, biological, ecological and epidemiological information about diseases, pests and weeds that cause the loss of the crop at every stage of production,
2	To be able to become familiar with agricultural management control methods and their use in control of plant diseases, pests and weeds in cultivated agricultural crops,
3	To be able to diagnose and identify plant diseases, insect, mite or nematode pests or weeds that cause economical losses in stored crops and products,
4	To be able to use pesticides safely and effectively and informed about their hazardous non-target effects on the environment and human health.
5	To be able to learn plant protection products and their practice in organic agriculture,
6	To be able to evaluate the information obtained throughout the learning process with cause-effect relations, to be able to collect data and transfer the results to practice, and to predict where, when and why to use the information
7	To be able to comply with professional, cultural, social ethic rules in his / her field and to be entrepreneurial
8	To be able to have conscious of the universality of social rights, social justice, quality and cultural values, environment protection, occupational health and safety issues
9	To be able to use information and communication technologies together with the required computer software of his / her field
10	To be able to have the necessary background and qualifications to work in public and private agriculture sectors, to be able to conduct a study independently / as a team member and to be able to comply with the relevant legislation

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

	L1	L2	L3	L4	L5	L6
P1	4	3		3		2
P2			3		2	2
P3					2	1
P10		3	2	2	1	3

