



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Field Crops Diseases							
Course Code		BKR205		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Having knowledge about the field crops diseases and knowing about the control methods							
Course Content		Wheat, barley, rye, oats, rice, corn, beans, chickpeas, edible legumes, onions, sugar beets, potatoes, sunflower and tobacco diseases and control methods							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Course notes of lecturer
2	Presentations and Lecture Notes Compiled From Different Sources
3	Zirai Mücadele Teknik Talimatları. Tarım Bakanlığı. Koruma ve Kontrol Genel Müdürlüğü

Week	Weekly Detailed Course Contents	
1	Theoretical	Wheat diseases and control methods
2	Theoretical	Barley diseases and control methods
3	Theoretical	Rye diseases and control methods
4	Theoretical	Oat diseases and control methods
5	Theoretical	Rice diseases and control methods
6	Theoretical	Corn diseases and control methods
7	Theoretical	Bean diseases and control methods
8	Intermediate Exam	Midterm exam
9	Theoretical	Chickpea diseases and control methods
10	Theoretical	Bean diseases and control methods
11	Theoretical	Sugar beet diseases and control methods
12	Theoretical	Potato diseases and control methods
13	Theoretical	Sunflower diseases and control methods
14	Theoretical	Tobacco diseases and control methods
15	Theoretical	Repeat course

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	3	6	0	18
Laboratory	4	4	0	16
Individual Work	3	6	0	18
Midterm Examination	1	9	1	10
Final Examination	1	9	1	10
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Learning the economic importance of diseases in field crops
2	Learning the negative effects of pathogens and diseases on the production and quality of field crops
3	To learn the importance and symptoms of damage caused by pathogens in field crops
4	Learn the factors that cause diseases in field crops
5	Learn the life cycle of pathogens causing diseases in field crops
6	Learn the methods used against plant diseases in 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	3	3	3
P2	4	3	3	3	3	3
P3	4	4	3	4	3	3
P4	2	2	3	2	2	2
P5	2	2	2	2	2	1
P6	2	2	2		1	
P7	2					
P10	3	2	2	2	3	3

