



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Fruit - Vineyard Diseases							
Course Code		BKR203		Couese Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Teaching the pre-postharvest symptoms of fruits and vineyards diseases, their economic importance, host plants, biology and control methods							
Course Content		Symptoms, diagnosis and control methods of fungal, bacterial and viral agents causing fruits and vine diseases							
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 note of lecturer
2	Presentations and Lecture Notes Compiled From Different Sources
3	Zirai Mücadele Teknik Talimatları. Tarım Bakanlığı. Koruma ve Kontrol Genel Müdürlüğü (Cilt-IV, Cilt-V)

Week	Weekly Detailed Course Contents	
1	Theoretical	Pome and stone fruit diseases according to the disease factor (Fungus, Bacteria, Virus diseases)
2	Theoretical	Symptoms, economic importance, hosts, distribution and control of fungal diseases in pome and stone fruits.
3	Theoretical	Symptoms, economic importance, hosts, distribution and control of fungal diseases in pome and stone fruits.
4	Theoretical	Symptoms, economic importance, hosts, distribution and control of fungal diseases in pome and stone fruits.
5	Theoretical	Symptoms, economic importance, hosts, distribution and control of fungal diseases in pome and stone fruits.
6	Theoretical	Symptoms, economic importance, hosts, distribution and control of bacterial diseases in pome and stone fruits.
7	Theoretical	Symptoms, economic importance, hosts, distribution and control of bacterial diseases in pome and stone fruits.
8	Intermediate Exam	Midterm exam
9	Theoretical	Symptoms, economic importance, hosts, distribution and control of virus diseases in pome and stone fruits.
10	Theoretical	Symptoms, economic importance, hosts, distribution and control of important diseases in citrus fruits
11	Theoretical	Symptoms, economic importance, hosts, distribution and control of important diseases in olives
12	Theoretical	Symptoms, economic importance, hosts, distribution and control of fungal diseases in vineyards
13	Theoretical	Symptoms, economic importance, hosts, distribution and control of fungal diseases in vineyards
14	Theoretical	Symptoms, economic importance, hosts, distribution and control of bacterial diseases in vineyards
15	Theoretical	Symptoms, economic importance, hosts, distribution and control of virus diseases in vineyards

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	Determination of disease factors in pome and stone fruits
2	To be able to recognize the symptoms of biotic diseases caused by the factors
3	To be able to gain the basic information on fruit diseases and their control methods
4	To be able to gain the basic information on wine diseases and their control methods
5	To be able to gain the basic information on citrus diseases and their control methods
6	To have information about diseases and control methods in olives

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	4	4	5	3	3
P2	4	4	4	3	3	3
P3	4	4	4	2	3	2
P4	3	3	3	3	3	4
P5	3	3	3	2		2
P6	3	3	2			
P10	3	3	4	3	3	2

