



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Ornamental Plants Disease and Pests							
Course Code		BKR207		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Teaching the ornamental fungal, bacterial, viral diseases, pests and their control methods							
Course Content		The definition and diagnostic methods of symptoms of fungal, bacterial and viral pathogens, pests of ornamental plants and their 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	Anonymous, 1995. Zırai Mücadele Teknik Talimatları. Tarım ve Köyişleri Bakanlığı Koruma ve Kontrol Genel Müdürlüğü, Cilt-3

Week	Weekly Detailed Course Contents	
1	Theoretical	The concept of disease in plants
2	Theoretical	Disease-causing pathogens in plants, parasitism and disease
3	Theoretical	Viral Diseases of ornamental plants and their control methods
4	Theoretical	Bacterial diseases of ornamental plants and their control methods
5	Theoretical	Fungal diseases of ornamental plants and their control methods-1
6	Theoretical	Fungal diseases of ornamental plants and their control methods-2
7	Theoretical	Fungal diseases of ornamental plants and their control methods-3
8	Intermediate Exam	Midterm exam
9	Theoretical	Environmental stresses that cause plant disease-like symptoms on ornamental plants-1
10	Theoretical	Environmental stresses that cause plant disease-like symptoms on ornamental plants-2
11	Theoretical	Pests of plants and their characteristics
12	Theoretical	Insects; their characteristics, morphology, anatomy, reproduction and development
13	Theoretical	Pests of ornamental plants-1
14	Theoretical	Pests of ornamental plants-2
15	Theoretical	Principles of the pest control methods and pests control methods

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	11	0	11
Individual Work	2	8	0	16
Midterm Examination	1	9	1	10
Final Examination	1	9	1	10
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	To be able to learn the source of diseases and their ways of transmission on ornamental plants
2	To be able to distinguish the symptoms of fungal, bacterial and viral pathogens of ornamental plants
3	To be able to learn pests of ornamental plants
4	Süs bitkilerinde hastalık ve zararlılarla savaşımında en uygun savaş yöntemlerini uygulayabilme
5	Learn economic losses caused by diseases and pests.

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
P1	4	4	4	3	3
P2	4	4	4	3	3
P3	4	3	4	3	3
P4	4	3	3	2	2
P5	3	2	3	2	2
P6	2	2	2		
P10	3	2	3	3	2

