



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Disease and Pests of Olives							
Course Code		ZYD224		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	96 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		This course is provided with the necessary environment to be able olive trees in the diagnosis of diseases and pests, and are intended to be struggling with the correct methods.							
Course Content		Olive tree in the product quality, making the introduction of pests and diseases that affect the amount of diagnostic and control methods will be discussed.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

Week	Weekly Detailed Course Contents	
1	Theoretical	In olive fungal diseases: Verticillium wilt, and the struggle
	Practice	Laboratory
2	Theoretical	Olive leaf spot disease, and the struggle
	Practice	Laboratory
3	Theoretical	Armillaria root rot disease and the struggle Rosellinia root rot disease and the struggle
	Practice	Laboratory
4	Theoretical	Anthrachnose-rotten spot disease and the struggle Diplodia Rot and the struggle
	Practice	Laboratory
5	Theoretical	Phytophthora root, stem and leaf rot disease and struggle, Bordeaux mixture preparation and implementation
	Practice	Laboratory
6	Theoretical	Olive twig blight, and the struggle Olive crown gall disease, and the struggle
	Practice	Laboratory
8	Intermediate Exam	MIDTERM EXAM
9	Theoretical	Insects that are harmful to the olive orchards: Olive fruit fly, and the struggle
	Practice	Laboratory
10	Theoretical	Olive Moth and the struggle, karakoşnili and the struggle
	Practice	Yield practice
11	Theoretical	Olive Shell bit, and struggle; Olive Cotton bits, and the struggle
	Practice	Laboratory
12	Theoretical	Cotton scale insects and their control; Saplins caterpillar, and the struggle
	Practice	Laboratory
13	Theoretical	Olive thrips and their control; Olive mites
	Practice	Laboratory



14	Theoretical	Olive orchards harmful nematodes. Biological control
	Practice	Laboratory
15	Theoretical	Weeds in olive orchard and their control
	Practice	Yield practice
16	Theoretical	FINAL EXAM

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	1	14
Assignment	5	0	5	25
Reading	5	0	5	25
Practice Examination	1	0	2	2
Midterm Examination	1	0	1	1
Final Examination	1	0	1	1
Total Workload (Hours)				96
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be able to comprehend diseases and pests in plants
2	To be able to diagnose the disease and pest
3	To be able to fight against diseases and pests

Programme Outcomes (Olive Cultivation and Olive Processing Technology)

1	To be able to identify olive, soil and water and to having knowledge these
2	To be able to comprehend knowledge botany and fruit growing
3	To be able to comprehend table olive technology and to apply
4	To be able to comprehend knowledge basic biochemistry and olive oil chemistry and to have olive oil with modern and traditional systems, to have knowledge olive oil refinery, basic process and to have apply olive oil extraction
5	To be able to preserve olive and olive products in appropriate condition
6	To be able to comprehend growing olive plant with necessary agricultural methods and to have general maintenance of olive tree
7	To be able to evaluate olive by-products
8	To be able to comprehend knowledge about vegetable genetic
9	To be able to comprehend knowledge occupational safety and have apply first aid
10	To be able to apply necessary laboratory analysis in olive and olive products production
11	To be able to apply hygiene and sanitation rules in factory
12	To be able to comprehend knowledge of professional ethics and responsibility
13	To be able to comprehend knowledge marketing of olive products and to have olive management
14	To be able to communicate verbally and literally
15	To be able to comprehend planning olive growing and production area
16	To be able to comprehend knowledge vegetable ecology and protection of environment

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

	L1	L2	L3
P1	1	1	
P2	1		
P6	5	4	4
P9			1
P10	2	3	2
P11		1	1
P15	2	3	3
P16	1	3	3

