AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Organic Farming and Plant Protection					
Course Code	BK208		Couse Level	First Cycle (Bachelor's Degree)		
ECTS Credit	3	Workload	75 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The lecture contains definition and principles of organic farming , importance of pest, disease and weed problems and their control merhods					
Course Content	The lecture contains definition and principles of organic farming , importance of pest, disease and weed problems and their control merhods					
Work Placement	N/A					
Planned Learning Activities and Teaching Methods			Explanation (Presentation), Discussion			
Name of Lecturer(s)	Assoc. Prof. Zahide ÖZDEMİR, Prof. Hüseyin BAŞPINAR					

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Kansu, İ.A., 2001. Agriculture and Nature. Çukurova University Agricultural Faculty Publication No: 242.
2	Flint, M.L., 1981. Introduction to Integrated Pest Management. Plenum Press, New York and London, 240 p.
3	Begon, M. ve Mortimer, M., 1986. Population Ecology. Oxford Blackwell Scientific Publications, London, 220 p.

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to Organic Farming and Regulatory Aspects
2	Theoretical	Present Status of Organic Farming in Turkey
3	Theoretical	Pest Problems in Organic agriculture and their management
4	Theoretical	Pest Problems in Organic agriculture and their management
5	Theoretical	Pest Problems in Organic agriculture and their management
6	Theoretical	Pest Problems in Organic agriculture and their management
7	Theoretical	Pest Problems in Organic agriculture and their management
8	Theoretical	Disease Problems in Organic agriculture and their management
9	Theoretical	Disease Problems in Organic agriculture and their management
10	Theoretical	Disease Problems in Organic agriculture and their management
11	Theoretical	Disease Problems in Organic agriculture and their management
12	Theoretical	Weed Problems in Organic agriculture and their management
13	Theoretical	Weed Problems in Organic agriculture and their management
14	Theoretical	Weed Problems in Organic agriculture and their management
15	Theoretical	Weed Problems in Organic agriculture and their management
16	Final Exam	Final Examination

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Midterm Examination	1	15	1	16
Final Examination	1	16	1	17
			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 define organic farming as well as the principles

2	To be able to list the laws of organic agriculture
3	To be able to summarize plant protection problems and their management
4	To be able to identify plant protection problems in organic farming
5	To be ble to offer a solition for plant protection problem in organic farming

Programme Outcomes *(Agricultural Biotechnology)*

1	To be able to develop skills in identifying, modeling and solving problems in agricultural biotechnology
2	To be able to synthesize life and engineering sciences for the effective resource planning of agricultural biotechnology applications
3	To be able to interpret about living organisms structure, metabolic and physiological processes in order to propose biotechnological solutions to the agricultural problems
4	To be able to analyze genomic, metabolomic and proteomic information via bioinformatic tools.
5	To have the ability to analyze collected data and interpret the results.
6	To have the ability of individual working ability and to make independent decisions, to work in inter-disciplinary and interdisciplinary teamwork, to communicate by expressing their ideas orally and in writing, clearly and concisely
7	To have the awareness of professional liabilities and ethics
8	To be able to follow current national and international problems

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	2	2	2	2	2
P2	2	2	2	2	2
P3	2	2	2	2	2
P4	1	1	1	1	1
P5	2	2	2	2	2
P6	3	3	3	3	3
P7	3	3	3	3	3
P8	3	3	3	3	3