



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Plant Protection							
Course Code		TİS108		Couese Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	80 (<i>Hours</i>)	Theory	2	Practice	1	Laboratory	0
Objectives of the Course		Inform to students on basic concept and applications of plant protection and managment methods against the pests							
Course Content		Classification of insect,analysis morphological and physiological of insect, management methods, Introduction to Phytopatahology, fungia, virus, bacteria, weeds, management control methods of plant diseases							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Experiment					
Name of Lecturer(s)		Lec. Muharrem ARSLAN							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Genel Entomoloji. Akif Kansu, Ankara Üniversitesi, Ankara,
2	Döken M.T., Demirci E., Zengin H., Döken, M.T., E. Demirci ve H. Zengin, 1992. Fitopatoloji. Atatürk Üniversitesi, Ziraat Fakültesi Ofset Tesisi. Atatürk Ü. Yayınları No:729, Ziraat Fakültesi Yayınları No:314, Ders Kitapları serisi No:66, 227 s. ,Atatürk Üniversitesi. Erzurum ,Atatürk Üniversitesi, Ziraat Fakültesi, Ofset Tesisi ,2000

Week	Weekly Detailed Course Contents	
1	Theoretical	About Nematod, acarina, annelid and their damage and management methods
2	Theoretical	Properties of Arthropoda and classifications
3	Theoretical	Antenna, wings and legs of insects (morphological characters)
4	Theoretical	Physiological systems of insect
5	Theoretical	Metamorphosis
6	Theoretical	Management methods against the insect
7	Theoretical	Introduction to the disease, weeds
8	Intermediate Exam	Midterm Exam
9	Theoretical	Symptoms of disease
10	Theoretical	Ethiology
11	Theoretical	Biotica and abiotic factors for the disease
12	Theoretical	Definition of fungia, bacteria and virus and classification
13	Theoretical	Weeds and management methods
14	Theoretical	Management methods against disease
15	Theoretical	Management methods against disease
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	1	14
Assignment	4	0	2	8
Land Work	4	0	3	12
Midterm Examination	1	8	1	9



Final Examination	1	8	1	9
Total Workload (Hours)				80
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To be able to comprehend the basic information on pests
2	To be able to comprehend the differences among the insect, diseases and weeds
3	To be able to comprehend management methods against the pests
4	Have knowledge about pesticides
5	Can produce solutions against plant diseases and pests

Programme Outcomes (Agricultural Management)

1	To be able to use basic knowledge about agricultural, the struggle to preserve and marketing
2	To be able to use theoretical and practical knowledge gained in the basic fields of farm management
3	To be able to take duties and responsibilities at all levels of the agricultural business management
4	To be able to comprehend economic problems of agriculture, have the abilities of data collection, analysis, interpretation and project based solution production
5	Ability to predict and interpret the potential effects of national and international economical and political developments on Turkish agricultural sector
6	Having necessary skills for management and planning of agricultural and rural development projects
7	To be able to collaborate with stakeholders at producer and institutional levels to improve communication and education
8	To be able to use computer programs and technology to an adequate level required by business practices
9	To be able to comprehend knowledge of law that is necessary for farm management field and to be able to use this information
10	To be able to apply professional, moral values and sense of social responsibility
11	To be able to work independently in the major by communicating effectively through expressing ideas orally and written.

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	3	3	5	3	5
P2	5	4	4	5	5
P3	4	4	3	4	4
P4	4	4	3	4	2
P5	3	3	3	4	3
P6	5	5	4	5	4
P7	4	4	4	2	5
P8	3	2	2	1	4
P9	2	2	2	5	5
P10	4	4	3	3	2
P11	4	4	4	4	4

