



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Plant Protection							
Course Code		TRİ228		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		It is aimed to teach plant diseases and pests, their ways of damage and control methods.							
Course Content		The importance of plant diseases, classification of plant diseases, fungi, bacteria and viruses, and parasitic plants, weeds, plant diseases and control methods, weed control methods, plant pests, damage and control methods.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Fitopatoloji, DÖKEN, T., DEMİRCİ, E., ZENGİN, H., Atatürk Üniversitesi Yayınları, Erzurum, 1997.
2	Bitkisel Üretimde Hastalıklar, Kaygısız, H., Hasad Yayınları. İstanbul, 2002.
3	GENEL ENTOMOLOJİ, KANSU, İ.A, 1982

Week	Weekly Detailed Course Contents	
1	Theoretical	Explain some of the terms used in plant protection, phytopathology definition of the concept of plants and stages of disease
2	Theoretical	Classification of disease symptoms (of symptoms) and plant diseases
3	Theoretical	Stages of diseases, the general characteristics of bacterial diseases, and symptoms of diseases they cause
4	Theoretical	General characteristics and classification of fungi
5	Theoretical	General characteristics of viruses, and symptoms of diseases which they cause
6	Theoretical	Pathology and epidemiology of the disease
7	Theoretical	Disease and weed control methods
8	Intermediate Exam	Midterm Exam
9	Theoretical	general characteristics of insects , advantages and disadvantages, characteristics of the external structure of the body, insect morphology, insect structure and parts of the head, antennae, and mouth types
10	Theoretical	Thorax partitions, types of leg of the wing structure, abdominal extensions and functions
11	Theoretical	The anatomy of insects, the structure of the internal organs, muscles, digestive, nervous, circulatory, excretory, and reproductive system structure and functioning, structure and function of sensory organs of insects
12	Theoretical	Insect reproduction, growth, metamorphosis and insect ecology
13	Theoretical	Classification of insects (insecticides group and general characteristics)
14	Theoretical	Control methods used to fight insects
15	Theoretical	Control methods used to fight insects
16	Final Exam	FINAL EXAM

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	4	0	5	20
Reading	5	0	5	25
Midterm Examination	1	0	1	1



Final Examination	1	0	1	1
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Recognize the importance of plant protection in agricultural production.
2	Follows current technologies.
3	Recognize the biotic factors causing yield losses in agricultural products.
4	Knows the methods of plant protection against plant diseases
5	Knows the methods of plant protection against pests.

Programme Outcomes (Agricultural Management)

1	To be able to comprehend the basic management, economy and agricultural management
2	To be able to acquire basic information in excessive, profitable and quality production of vegetable and animal products
3	To be able to manage production in factory, to prepare project and to keep business records
4	To be able to develop solutions in agricultural management
5	To be able to comprehend optimally preparation and marketing in agricultural foods process
6	To be able to follow professional developments and to acquire knowledge to use technological resources
7	To be able to reach the scientific data using computer and the internet
8	To be able to determine the problem about agricultural management, to analyze, to develop solutions and suggestions
9	To be able to comprehend Atatürk Principle and Revolution
10	To be able to take precautions about the problems related to first aid and occupational safety in the enterprise, to solve the problems
11	To be able to use Turkish well, to communicate orally and in writing, to have knowledge of professional ethics and responsibility

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

	L1	L4
P1	3	3
P2	4	4
P3		3
P4	3	3
P5	3	4
P6		5
P7		4
P8	4	4

