



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Plant Protection							
Course Code		FY104		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 (<i>Hours</i>)	Theory	3	Practice	1	Laboratory	0
Objectives of the Course		Definition of plant protection concepts, learning harmful effects of biotic and abiotic materials in the plants and making conclusions relating control methods have been purposed for the lesson							
Course Content		About plant protection concepts, identifying plant pathogens and control plant subject have been given							
Work Placement		Students must have to complete their internship within the required time and properties. The required rules are describes at the Adnan Menderes University, Sultanhisar Vocational School, Student Internship Instructions.							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study, Problem Solving					
Name of Lecturer(s)		Ins. Hüseyin YERLİKAYA							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Karaca, İ. 2011. Entomoloji. Anadolu Üniversitesi Yayınları; Solar, F.S., 2011 Fitopatoloji. Anadolu Üniversitesi Yayınları;
2	Öncüler, C., 2008. Tarımsal Zararlılarla Savaş Yöntemleri ve İlaçları. ADÜ yayınları, No:28.;
3	Öğretim elemanı ders notları

Week	Weekly Detailed Course Contents	
1	Theoretical	Principles and concepts of plant protection
2	Theoretical	Abiotic materials caused plant pathogenesis
3	Theoretical	Plant fungi
4	Theoretical	Plant bacteria
5	Theoretical	Plant virus and viroids
6	Theoretical	Herbs
7	Theoretical	Principles characteristics of harmful insects in plant
8	Intermediate Exam	Midterm
9	Theoretical	Insects mouths and feeding types
10	Theoretical	Mites
11	Theoretical	Nematodes
12	Theoretical	Snails and Slugs
13	Theoretical	Principles and methods of agricultural protection Quarantine Cultural control Physical control
14	Theoretical	Biological control Botechnique control
15	Theoretical	Chemical control
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Lecture - Practice	14	0	1	14
Laboratory	2	9	0	18
Midterm Examination	1	9	1	10



Final Examination	1	15	1	16
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Know plant protection concept
2	Know biotic and abiotic materials
3	Capability to recognize plant pests
4	Capability to recognize plant pathogens
5	Know control methods against plant pathogens

Programme Outcomes (Medical and Aromatic Plants)

1	Having the recognition, classification and the use areas knowledge of medical and aromatic plants
2	Having practical and technical knowledge about cultivation and production of medical and aromatic plants
3	Having knowledge of morphology, anatomy, cytology, physiology and biochemical structures of medical and aromatic plants
4	Having knowledge of importance of soil conditions to grow medical and aromatic plants
5	Having information and the ability to use materials related with basic math and basic chemistry founded on qualifications gained in secondary education
6	Having ability to use effective own language and having knowledge of foreign language in order to communicate own colleagues and own customers
7	Having ability to collect medical and aromatic plants, having knowledge of seed technology, drying and conservation of these plants
8	Having ability to identify and to fight diseases and pests of medical and aromatic plants
9	Having knowledge of all Agricultural activities
10	Having knowledge of Atatürk Principle and Revolutions and to assimilate Atatürk Principle and Revolutions
11	Having consciousness of quality
12	Having knowledge and accumulation of investigative and evaluation
13	Ability to work as an individual capable of independent decision-making ideas verbally and in writing, stating the figure to communicate in a clear and concise
14	Ability to identify plants used for medical purposes and to obtain mixtures from drugs acquired these plants
15	Having skill and knowledge of marketing techniques medical and aromatic plants

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

	L1	L2	L3	L4	L5
P3	2	2	2	2	1
P4	2	2	2	1	1
P7	3	3	1	1	1
P8	5	5	5	5	5
P9	4	4	2	2	2
P11	2	2	2	2	1
P12	4	4	2	2	2
P13	2	2	2	2	2

