

AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	General Phytopathology	/					
Course Code	LBT215	Couse Leve	el S	Short Cycle (Associate's Degree)			
ECTS Credit 2	Workload 51 (Hou	rs) Theory	2 F	Practice	0	Laboratory	0
Objectives of the Course The objective of this course is aiming to comprehend the disease concept of reasons for disease occurrence, analyze the biotic and abiotic reasons of the function and interaction in ecosystem, evaluation and recognition of the the the common control methods for disease management				concept on t asons of the o of the the pla	the plants, the etic diseases in respe- ant pathogens,cor	blogical ct to their nparison	
Course Content	The basic subjects of pl diseases, Disease symp chemical substances, p	ant pathology, hi otoms, Disease e lant resistance, c	story of phytetiology, Dise disease ecole	opathology s ease occurrer ogy, common	cience, econ nce and path control meth	nomical improtance ogenesis, pathoge hods of the diseas	e of the en origin ses
Work Placement	N/A						
Planned Learning Activities and Teaching Methods		Explanation	(Presentation	on), Demonst	ration, Discu	ssion, Individual S	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	Agrios, G.N., 2005. Plant pathology, 5 th edition, Elsevier Academic Press, U.S. Pp: 948.
2	Yıldız,M.,F.Yıldız,1994. "Fitopatoloji" ders notu, 196 pp,İzmir.

Week Weekly Detailed Course Contents

	-					
1	Theoretical	Introduction, basic terminology, disease concept on the plant				
	Preparation Work	Preparing material which about topic				
2	Theoretical	History of phytopathology science, economical importance of the diseases				
	Preparation Work Preparing material which about topic					
3	Theoretical	Disease symptoms (Symptomatology)				
	Preparation Work	Preparing material which about topic				
4	Theoretical	Abiotic or non infectious plant diseases				
	Preparation Work	Preparing material which about topic				
5	Theoretical	Plant diseases caused by viruses				
	Preparation Work	Preparing material which about topic				
6	Theoretical	Plant diseases caused by viruses				
	Preparation Work	Preparing material which about topic				
7	Theoretical	Plant diseases caused by procaryotes:bacteria and molllicutes				
	Preparation Work	Preparing material which about topic				
8	Intermediate Exam	Mid-term Exam				
9	Theoretical	Plant disease caused by fungi				
	Preparation Work	Preparing material which about topic				
10	Theoretical	Plant disease caused by fungi				
	Preparation Work	Preparing material which about topic				
11	Theoretical	Parasitism and disease development				
	Preparation Work	Preparing material which about topic				
12	Theoretical	Pathogens attact to the plants, pathogen originated chemicals				
	Preparation Work	Preparing material which about topic				
13	Theoretical	Effects of pathogens on the photosynthesis and respiration				
	Preparation Work	Preparing material which about topic				
14	Theoretical	Resistant response on the plants, disease ecology				
	Preparation Work	Preparing material which about topic				



15	Theoretical	Disease control methods emleri
	Preparation Work	Preparing material which about topic
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload		
Lecture - Theory	14	0	1	14		
Lecture - Practice	14	0	1	14		
Assignment	14	1	0	14		
Midterm Examination	1	2	1	3		
Final Examination	1	5	1	6		
	51					
	2					

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

	•
1	Structural and biochemical resistance response on the plant
2	Ecological aspects of the disease occurrence
3	Common disease control methods
4	The common terms and general aspects of the phytopathology
5	Economical importance of the pathogens
6	Biotic and abiotic disease factors and symtomatology
7	Microbial substances on disease development
8	Biochemical and physiological changes on diseased plant

Programme Outcomes (Laboratory Technology)

1	To be able to comprehend social, cultural and social responsibilities, to be able to follow national and international contemporary problems and developments
2	Atatürk is bound to Atatürk nationalism in the direction of principles and reforms; Adopting the national, moral, spiritual and cultural values of the Turkish people, open to universal and contemporary developments, the Turkish language is a rich, rooted and productive language; Have a love of language and a consciousness; To have the ability to use as much of a foreign language as he would need to read, taste and habit and professionally.
3	To be able to recognize the basic hardware units and operating systems of a computer, having information about internet usage and preparing documents, spreadsheets and presentations on computer by using office programs.
4	Acquires theoretical and practical knowledge at the basic level in mathematics, science and vocational field.
5	With the knowledge of laboratory technology in the field, he knows and analyzes problems, brings interpretation of data and suggests solutions.
6	In laboratories, according to the prepared business plan and program, necessary work can be done to obtain the desired quality products.
7	To have professional and ethical responsibility in business life.
8	Development and change are open, follow scientific social and cultural innovations, and develop themselves constantly.

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

	L1	L2	L3	L4	L5	L6	L7	L8
P1	4	4	4	4	4	4	4	4
P2	2	2	2	2	2	2	2	2
P3	1	1	1	1	1	1	1	1
P4	4	4	4	4	4	4	4	4
P5	5	5	5	4	5	5	4	5
P6	3	3	3	4	3	3	3	4
P7	5	5	5	4	5	5	4	5
P8	5	5	4	5	5	4	5	5

