



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Horticultural Plants							
Course Code		FY105		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	1	Laboratory	0
Objectives of the Course		Giving knowledge on description of horticulture plants, impregnation biology, production and growing an eceological demands							
Course Content		Some informations about identification and classifications of horticultural plants, effects of horticulture on economy, biological characteristics of plants, ecological requests of plants, soil and soil types, cultivation, salinity, irrigation,, winter and summer fruits and vegetables are given in this lesson for base to the other lessons							
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), Demonstration, Discussion, Case Study, Individual Study					
Name of Lecturer(s)		Lec. Şebnem Nalan AKAROĞLU, Prof. Oğuz DOLGUN							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Course notes of Lecturers
2	Internet

Week	Weekly Detailed Course Contents	
1	Theoretical	Description and classifications of horticultural plants, effects on economy
2	Theoretical	Biological characteristics, Origin of flower, flower structure, gender
3	Theoretical	Flower types, germ formation, pollening, fertilizing,
4	Theoretical	Infertility, imcompatibility Seed, Fruit, parthenocarpy, apomixis,
5	Theoretical	Ecological demands, temperature Light, moisture, weather moisture, soil moisture, wind, salinity, optimum temperature, extreme temperature and effects on plants
6	Theoretical	Soil, soil types, Soil frazzle, soil reactions Special ecological demands of Fruits Special ecological demands of vegetables
7	Theoretical	Propagation techniques of horticultural plants (Seed propagation)
8	Intermediate Exam	Midterm
9	Theoretical	Propagation techniques of horticultural plants (Vegetative propagation)
10	Theoretical	Propagation techniques of horticultural plants (Vegetative propagation)
11	Theoretical	Establishment of orchards
12	Theoretical	Establishment of vegetable garden
13	Theoretical	Annual maintenance works in fruit and vegetable gardens
14	Theoretical	Annual maintenance works in vegetable gardens
15	Theoretical	Harvest
16	Final Exam	Final Term

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	1	14
Land Work	3	5	0	15
Midterm Examination	1	8	1	9



Final Examination	1	8	1	9
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Recognizing horticulture plants, Learning ecological demands and learning classifications
2	Learning biological characteristics
3	Learning ecological characteristics
4	Learning special ecological demands
5	Having knowledge on flowering, fruit set, fruit losses
6	Having knowledge on ripening and storage

Programme Outcomes (Fungiculture)

1	Having knowledge of morphology, anatomy, cytology, physiology and biochemical structures of mushroom
2	Having knowledge of soil and climate conditions for mushroom cultivation
3	Having knowledge of identification, classification and the use areas of mushroom species
4	Having knowledge of culture and production techniques of mushroom
5	Having knowledge of harvest and conservation of mushroom
6	Having ability to identify and to maintain important diseases and pests of mushroom species
7	Having ability and knowledge of marketing techniques of mushroom products, effectively.
8	Ability to project mushroom built.
9	Having knowledge of Laboratory techniques
10	Having knowledge of mushroom management

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
P1	2	3	2		4	
P2			5	5	3	1
P3	3	3		3	1	3
P4		1	5	4		
P6	2	1				3
P7			3	3	2	2

