



**AYDIN ADNAN MENDERES UNIVERSITY**  
**SULTANHISAR VOCATIONAL SCHOOL**  
**FUNGICULTURE**  
**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 ecological 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)	Ins. Berna GÜNDEM, Prof. Oğuz DOLGUN								

#### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

#### 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
5	Theoretical	Seed, Fruit, parthenocarpy, apomictic
6	Theoretical	Ecological demands, temperature, optimum temperature, extreme temperature and effects on plants
7	Theoretical	Light, moisture, weather moisture, soil moisture, wind, salinity
8	Intermediate Exam	Midterm
9	Theoretical	Soil, soil types,
10	Theoretical	Soil frazzle, soil reactions
11	Theoretical	Special ecological demands of Fruits
12	Theoretical	Special ecological demands of vegetables
13	Theoretical	Reposing in seeds and buds
14	Theoretical	Flower and fruit set , fruit loses
15	Theoretical	Ripening
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

