



**AYDIN ADNAN MENDERES UNIVERSITY
SULTANHISAR VOCATIONAL SCHOOL
FUNGICULTURE
COURSE INFORMATION FORM**

Course Title	General Mushroom								
Course Code	MAN101		Course Level		Short Cycle (Associate's Degree)				
ECTS Credit	5	Workload	100 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	Mushroom plant identification and basic skills in growing mushrooms								
Course Content	Definition and history of place with mushroom production and mushroom production systems, as well as describes the establishment of modern units in general, describes a mushroom								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration								
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Kültür Mantarı Yetiştiriciliği, Dr. ERKEL, Uğur Yayınılık
2	Kültür Mantarı Üretim Tekniği, Dr. Ş. AKSU, Uğur Yayınılık

Week	Weekly Detailed Course Contents	
1	Theoretical	Mushroom cultivation history, description and presentation, the economic importance of mushroom cultivation
	Preparation Work	Lecture material
2	Theoretical	Biological structure, morphological characteristics in place the plant kingdom, nutritional value and importance of nutrition of mushroom
	Preparation Work	Lecture material
3	Theoretical	Mushroom production, the economic situation in the world production and consumption of mushroom, enterprising plan in mushroom production managements
	Preparation Work	Lecture material
4	Theoretical	Ecological aspects of mushroom (temperature, humidity, ventilation, lighting)
	Preparation Work	Lecture material
5	Theoretical	Mushroom cultivation and be aware of issues
	Preparation Work	Lecture material
6	Theoretical	Mushroom cultivation (caves and tunnels, cellars, basements, cellars, cold storage)
	Preparation Work	Lecture material
7	Theoretical	Mushroom cultivation systems (bag, bunk beds, safe systems)
	Preparation Work	Lecture material
8	Preparation Work	Lecture material
	Intermediate Exam	Midterm
9	Theoretical	Modern places for mushroom production
	Preparation Work	Lecture material
10	Theoretical	Features of modern places for mushroom production
	Preparation Work	Lecture material
11	Theoretical	Preparation of compost
	Preparation Work	Lecture material
12	Theoretical	Preparation of soil cover
	Preparation Work	Lecture material
13	Theoretical	Mushroom cultivation technique (to obtain seed of micelles, micelles inoculation of seed)
	Preparation Work	Lecture material
14	Theoretical	Mushroom cultivation technique (to obtain seed of micelles, micelles inoculation of seed)
	Preparation Work	Lecture material



15	Theoretical	Procedures performed during the harvest and harvest
	Preparation Work	Lecture material
16	Preparation Work	Lecture material
	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Midterm Examination	1	23	1	24
Final Examination	1	33	1	34
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Defines mushroom
2	Knows mushroom production sites
3	Knows mushroom production systems
4	Knows modern mushroom management
5	Knows mushroom production techniques as general

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
P3	3				
P4		4	4	4	4

