



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

Course Title	Ecology of Mushroom								
Course Code	MAN209	Course Level			Short Cycle (Associate's Degree)				
ECTS Credit	5	Workload	125 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The definition of ecology and importance. Aimed to be learned an effective ecological factors Mushroom cultivation								
Course Content	Mantar ekolojisi ile ilgili konuların teorik olarak anlatılmasıdır.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Course notes of Lecturers
---	---------------------------

Week	Weekly Detailed Course Contents	
1	Theoretical	Explanation of the importance of the lesson
2	Theoretical	Ecology of the concept (science) and the definition of ecological concepts
3	Theoretical	The elements and characteristics of the ecological hierarchy
4	Theoretical	Elements of the ecosystem
5	Theoretical	Ecological Factors
6	Theoretical	The importance of ecological factors on Mushroom Cultivation
7	Theoretical	Abiotic Factors
8	Intermediate Exam	Midterm
9	Theoretical	Biological Factors
10	Theoretical	Requests general ecological of mushroom cultivation
11	Theoretical	Effect of Temperature on Mushroom Cultivation
12	Theoretical	Ecologic factors in growing places
13	Theoretical	The importance of ventilation in mushroom cultivation
14	Theoretical	The importance of moisture in mushroom cultivation
15	Theoretical	The importance of light in mushroom cultivation
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	5	4	0	20
Term Project	10	5	0	50
Midterm Examination	1	10	1	11
Final Examination	1	15	1	16
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = ECTS				5

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Perceiving the concept of Ecology
2	Understanding of ecological factors



3	Understanding the importance of agro-ecological
4	Understand the importance of ecological factors of cultivated mushroom
5	Understanding the elements and features of the ecological hierarchy

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
P1	4	4	4	4	4
P2	5	5	5	5	5
P3	4	4	4	5	4

