



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Mushroom Waste Assessment							
Course Code		MAN110		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 ( <i>Hours</i> )	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		To learn the factors causing environmental pollution, waste and environmental pollution have knowledge about how to evaluate the sensitivity aimed to gain.							
Course Content		Description of environment, pollution and factors causing pollution of the environment, the classification of these factors, eco-agriculture relations, agricultural wastes (vegetable waste, fertilizer, pesticide and so on. Impurity elements), and the effects of environmental pollution of the waste (soil and water pollution), and agricultural wastes reacquisition, the use of agricultural waste mushroom production, mushroom production resulting waste, this waste identification, properties, composition, preparation for use, recycling areas, plant and animal production areas, the landless agricultural use of waste mushroom							
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	70

### Recommended or Required Reading

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

Week	Weekly Detailed Course Contents	
1	Theoretical	Identification and Classification of Environmental Pollution
2	Theoretical	Film screenings about environmental pollution
3	Theoretical	Eco-agriculture relationships
4	Theoretical	Waste management and evaluation forms
5	Theoretical	Agricultural wastes and evaluation forms
6	Theoretical	Cultivated mushrooms production patterns and processes
7	Theoretical	Properties of waste-mushroom compost
8	Intermediate Exam	Midterm
9	Theoretical	Exploit of waste mushroom compost, biological breeding
10	Theoretical	Exploit of waste mushroom compost, production of mushrooms,
11	Theoretical	Exploit of waste mushroom compost, Animal feed and bedding
12	Theoretical	Exploit of waste mushroom compost, Soil and fertilizer materials
13	Theoretical	Exploit of waste mushroom compost, energy source
14	Theoretical	Exploit of waste mushroom compost, disease and pest
15	Theoretical	Exploit of waste mushroom compost and use of the landless agricultural
16	Final Exam	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Assignment	3	3	0	9
Midterm Examination	1	10	1	11
Final Examination	1	12	1	13
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	Learning factors that cause environmental pollution
2	To understand the ecological awareness of environmental protection
3	Knowing the properties of Spent Mushroom Compost to apply methods of assessment
4	Learning of the acquisition of agricultural wastes
5	Interpret the interaction of agriculture and the environment

**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	4	4
P4	3	3	3	3	3
P6	4	4	4	4	4
P8	4	4	4	4	4
P9	3	3	3	3	3
P10	3	3	3	3	3

