AYDIN ADNAN MENDERES UNIVERSITY
SULTANHISAR VOCATIONAL SCHOOL
FUNGICULTURE
COURSE INFORMATION FORM

Course Title	Cultivation of Agaricus Bisporus								
Course Code	MAN102		Couse Level		Short Cycle (Associate's Degree)				
ECTS Credit	5	Workload	125 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	Mushroom plant recognition, learning of techniques of mushroom cultivation, mushroom growing is to teach the basic skills.								
Course Content	Discusses the theoretical issues related to Cultivated mushrooms growing								
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	The history of mushroom cultivation, mushroom production and promotion of the economic situation of the definition of the world production and consumption of mushrooms, mushroom production enterprises plan
2	Theoretical	Biological structure of the cultivated mushroom, plant kingdom, location, morphologic characteristics, nutritional value and importance of nutrition
3	Theoretical	Ecological requirements mushroom (temperature, humidity, ventilation, lighting)
4	Theoretical	The importance of materials and these materials are used in the production of compost of Agaricus Bisporus
5	Theoretical	Compost made of Agaricus bisporus (I. Fermentation) Compost made of Agaricus bisporus (II. Fermantation) The first and second fermentation has completed the required properties of a compos
6	Theoretical	Vaccination of mycelium and compost packaging in the Second-Fermentation finished compost
7	Theoretical	Cultivation of Agaricus Bisporus first mycelial growth
8	Intermediate Exam	Midterm
9	Theoretical	The problems encountered and solutions during first mycelial growth
10	Theoretical	The qualification requirements for a good soil cover
11	Theoretical	Cultivation of Agaricus Bisporus second mycelial growth
12	Theoretical	The problems encountered and solutions during second mycelial growth
13	Theoretical	Points to be considered during the cooling
14	Theoretical	Points to be considered during pin period
15	Theoretical	Harvest (Flashes) and post-harvest needs to be done
16	Final Exam	Final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Assignment	8	7	0	56
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	Prepare training environment of Agaricus Bisporus
2	Cultivation environment and solutions for problems encountered in preparing
3	Learning issues to be considered in the preparation of soil cover
4	The problems and solutions in the Mushroom production room
5	Made of mushrooms harvesting and preparation of Mushroom production room

Programme Outcomes *(Fungiculture)*	
1	Having knowledge of morphology, anatomy, cytology, physiology and biochemica lstructures 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 harvestand conservation of mushroom
6	Having ability to identify and to maintainim portantd iseases and pests of mushroom species
7	Having ability and knowledge of marketin gtechniques of mushroom products, effectively.
8	Ability t oproject mushroom built.
9	Having knowledge of Laboratuar 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	5	5	5	5	5
P2	5	5	5	5	5
P3	4	4	4	4	4
P4	5	5	5	5	5
P5	5	5	5	5	5
P6	3	3	3	3	3
P8	3	3			
P9	3	3			
P10	3	3			