



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Mushroom Growing							
Course Code		BB416		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	4	Workload	100 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		The aim of this course is to provide to contributing to students of the culture mushroom growing had agricultural production potential. The information about compost preparation, cultural works in mushroom production steps, climatizing, encountered problems and solutions subjects are given to students for accessing to level the leading a mushroom management.							
Course Content		The place of culture mushroom in living kingdom, economic importance, nutritional value, mushroom production systems, compost making techniques, and using materials, production steps, climate control, cultural works, diseases and pests control, harvest works and storage.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion					
Name of Lecturer(s)		Lec. Özlem AKAN							

Prerequisites & Co-requisites

ECTS Requisite	60
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Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Erkel, İ., 2000 Kültür Mantarı Yetiştiriciliği
2	Staments, P. and Chilton, J.S., 1983. The Mushroom Cultivator. Agarikon Press, Olympia, Washington.
3	Vedder, P.J.C., 1978. Modern Mushroom Growing. Stanley Thornes Cheltenham, England
4	Boztok, K., 1994. Mantar Üretim Tekniği. E.Ü. Ziraat Fakültesi Yayınları No: 489, Bornova, İZMİR

Week	Weekly Detailed Course Contents	
1	Theoretical	
2	Theoretical	
3	Theoretical	
4	Theoretical	
5	Theoretical	
6	Theoretical	
7	Theoretical	
8	Intermediate Exam	
9	Theoretical	
10	Theoretical	
11	Theoretical	
12	Theoretical	
13	Theoretical	
14	Theoretical	
15	Theoretical	
16	Final Exam	

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Lecture - Practice	14	1	2	42
Midterm Examination	1	7	1	8



Final Examination	1	7	1	8
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	
2	
3	
4	
5	

Programme Outcomes (Agricultural Biotechnology)

1	To be able to develop skills in identifying, modeling and solving problems in agricultural biotechnology
2	To be able to synthesize life and engineering sciences for the effective resource planning of agricultural biotechnology applications
3	To be able to interpret about living organisms structure, metabolic and physiological processes in order to propose biotechnological solutions to the agricultural problems
4	To be able to analyze genomic, metabolomic and proteomic information via bioinformatic tools.
5	To have the ability to analyze collected data and interpret the results.
6	To have the ability of individual working ability and to make independent decisions, to work in inter-disciplinary and interdisciplinary teamwork, to communicate by expressing their ideas orally and in writing, clearly and concisely
7	To have the awareness of professional liabilities and ethics
8	To be able to follow current national and international problems

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	1	1	1	1	1
P2	2	1	2	2	2
P3	2	1	2	2	2
P4	1	1	1	1	1
P5	2	1	2	2	2
P6	3	1	3	2	2
P7	2	1	2	2	2
P8	2	1	3	2	3

