AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Experimentation Method and Techniques								
Course Code	BİY110		Couse Level	Short Cycle (Associate's Degree)					
ECTS Credit	3	Workload	75 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	Purpose of the lesson is to inrease students research knowledg abilities								
Course Content	Selection of research subjects, literatures, assessment of experiment results, presentation								
Work Placement	Students must have to complete their internship within the required time and properties. The required rules are describes at the Adnan Menderes University, Sultanhisar Vocational School, Student Internship Instructions.								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)	Lec. Şebnem Nalan AKAROĞLU								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading	
1	Lecturer notes
2	Niyazi Karasar, Bilimsel Araştırma Yöntemi, 35. basım, Ankara, Nobel Publishing, 2020.

Week	Weekly Detailed Course Contents	
1	Theoretical	Science and Scientific Research
2	Theoretical	Research Planning and Basic Concepts
3	Theoretical	Research Design and Models
4	Theoretical	Data Types and Source Search in Scientific Research
5	Theoretical	Qualitative Research
6	Theoretical	Qualitative Data Collection Methods
7	Theoretical	Quantitative Research and Survey Design
8	Intermediate Exam	Midterm
9	Theoretical	Sampling Methods
10	Theoretical	Measurement and Scale Types
11	Theoretical	Reliability and Validity in Scientific Research
12	Theoretical	Preparation of Data for Analysis
13	Theoretical	Data Analysis
14	Theoretical	Data Analysis
15	Theoretical	Citation Techniques and Writing Research Report
16	Final Exam	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Seminar	1	25	0	25
Midterm Examination	1	9	1	10
Final Examination	1	11	1	12
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = **ECTS**	3
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Experimental research

2	Preparation of experimental report
3	Assessment of experimentation results
4	Presentation of experiment
5	Observing the research results

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
P4	2	2	2	2
P5	2	2	2	2
P6	2	2	2	2
P7	2	2	2	2
P8	2	2	2	2
P9	2	2	2	2
P10	2	2	2	2