



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Experimentation Method and Techniques							
Course Code		BİY110		Course 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
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2	Preparation of experimental report
3	Assessment of experimentation results
4	Presentation of experiment
5	Observing the research results

Programme Outcomes (Seedling Production)

1	Having knowledge of physiology and morphology characteristics, growth, development and biochemical events occurred in fruits, vegetables and ornamentals plants
2	Having knowledge of soil, climate and irrigation conditions grown fruits, vegetables and ornamentals plants
3	Having knowledge of identification, classification and the use areas of fruits, vegetables and ornamentals plants
4	Having practical and theoretical knowledge of production techniques of fruits, vegetables and ornamentals plants
5	Having ability to identify and to maintain diseases and pests of fruits, vegetables and ornamentals plants
6	Having knowledge of marketing techniques, standards, contributions to the economy of fruits, vegetables and ornamentals plants, legal issues
7	Having knowledge of facilities and builds grown fruits, vegetables and ornamentals plants, and tools and materials used.
8	Having ability to use effective own language and having knowledge of language in order to communicate own colleagues and own customers,
9	Having knowledge of Atatürk Principle and Revolutions and, ability to assimilate Atatürk Principle and Revolutions
10	Having an enough foreign language to able to follow new development in relation with nursery production

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4
P6	3	3	3	3
P8	4	4	4	4

