



**AYDIN ADNAN MENDERES UNIVERSITY
SULTANHISAR VOCATIONAL SCHOOL
PLANT AND ANIMAL PRODUCTION
SEEDLING PRODUCTION
COURSE INFORMATION FORM**

Course Title	Professional Application								
Course Code	FY110			Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	0	Practice	4	Laboratory	0
Objectives of the Course	Aims to consolidate and gain the skills to apply knowledge of nursery plants.								
Course Content	Sapling growing techniques, crop protection, irrigation, mechanization, plant nutrition information is given on.								
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), Demonstration, Individual Study								
Name of Lecturer(s)	Lec. Şebnem Nalan AKAROĞLU								

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Course notes of Lecturers
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Week	Weekly Detailed Course Contents	
1	Theoretical	Nursery plant location selection
	Practice	Nursery plant location selection
2	Theoretical	Grading and preparing the nursery area
	Practice	Grading and preparing the nursery area
3	Theoretical	Cultivation of the soil
	Practice	Cultivation of the soil
4	Theoretical	Determining principles of nursery
	Practice	Determining principles of nursery
5	Theoretical	Preparation of nursery soil mix
	Practice	Preparation of nursery soil mix
6	Theoretical	Nursery production in greenhouse
	Practice	Nursery production in greenhouse
7	Theoretical	Application is the production of fruit sapling
	Practice	Application is the production of fruit sapling
8	Intermediate Exam	Midterm
9	Theoretical	Application is the production of ornamental plants and landscape plants
	Practice	Application is the production of ornamental plants and landscape plants
10	Theoretical	Hoeing and weeding in the nursery
	Practice	Hoeing and weeding in the nursery
11	Theoretical	Irrigation, fertilization, and other maintenance operation in the nursery
	Practice	Irrigation, fertilization, and other maintenance operation in the nursery
12	Theoretical	Nursery production with cutting
	Practice	Nursery production with cutting
13	Theoretical	Nursery production with the grafting
	Practice	Nursery production with the grafting
14	Theoretical	Other vegetative production techniques
	Practice	Other vegetative production techniques
15	Theoretical	Removal Saplings
	Practice	Removal Saplings



16	Practice	Final exam
	Final Exam	Final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Practice	14	0	3	42
Land Work	2	6	0	12
Midterm Examination	1	9	1	10
Final Examination	1	10	1	11
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes	
1	Prepare a nursery environment
2	Sapling should know the basic principles of training
3	Be able to do maintenance work Sapling
4	The fundamentals the production of quality sapling should be learned
5	Be able to plan a nursery plant

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	L5
P1	5	5	5	5	4
P2	5	5	5	5	4
P3	3	3	3	3	3
P4	5	5	5	5	3
P5			4		
P6		3		5	4
P7	4	4	4	4	5

