



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

Course Title	Sapling Cultivation Practices								
Course Code	FY216			Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	0	Practice	4	Laboratory	0
Objectives of the Course	Nursery facilities and planning, the principles indoor and outdoor field sapling production, generative and vegetative sapling production methods, sapling quality of care measures to teach the fundamentals								
Course Content	Saplings culture media, nursery cultivation, production methods, vegetative propagation methods, sapling rooting hormone on the implementation of environments and provide information.								
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)	Prof. Oğuz DOLGUN								

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	The purpose of working in the nursery and nursery densities, nursery location selection operations, nursery establishment plan,
	Practice	The purpose of working in the nursery and nursery densities, nursery location selection operations, nursery establishment plan,
2	Theoretical	Grading and preparing the nursery area, drainage, tillage
	Practice	Grading and preparing the nursery area, drainage, tillage
3	Theoretical	Principles of nursery plants in greenhouse, determination of the type of greenhouse, greenhouse construction elements
	Practice	Principles of nursery plants in greenhouse, determination of the type of greenhouse, greenhouse construction elements
4	Theoretical	Nursery production in greenhouses, heating, cooling, ventilation, irrigation
	Practice	Nursery production in greenhouses, heating, cooling, ventilation, irrigation
5	Theoretical	Bare-root nursery plants (sowing pillows preparation, sowing time, sowing rates, sowing methods of outdoor area)
	Practice	Bare-root nursery plants (sowing pillows preparation, sowing time, sowing rates, sowing methods of outdoor area)
6	Theoretical	Nursery method with a pots (used pots, production and training environments, mortar preparation, sapling areas coated with regulation)
	Practice	Nursery method with a pots (used pots, production and training environments, mortar preparation, sapling areas coated with regulation)
7	Theoretical	Principles of nursery plants in the nursery (nursery application)
	Practice	Principles of nursery plants in the nursery (nursery application)
8	Practice	Midterm
	Intermediate Exam	Midterm
9	Theoretical	Nursery growing techniques (and the diameter of weeding, watering, fertilizing and other maintenance measures)
	Practice	Nursery growing techniques (and the diameter of weeding, watering, fertilizing and other maintenance measures)
10	Theoretical	Vegetative production (steel production)
	Practice	Vegetative production (steel production)
11	Theoretical	Vegetative production (production with the vaccine)



11	Practice	Vegetative production (production with the vaccine)
12	Theoretical	Vegetative production (production with immersing)
	Practice	Vegetative production (production with immersing)
13	Theoretical	Other vegetative production techniques
	Practice	Other vegetative production techniques
14	Theoretical	Nursery applications
	Practice	Nursery applications
15	Theoretical	Sapling removal, storage of seedlings, transport of saplings
	Practice	Sapling removal, storage of seedlings, transport of saplings
16	Practice	Final Exam
	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Practice	14	0	4	56
Midterm Examination	1	8	1	9
Final Examination	1	9	1	10
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Determine the properties of the seed
2	Choosing a nursery area, nursery establishment and regulation
3	Nursery and greenhouse technical principles to be applied
4	Culture maintenance (watering, weeding, fertilizing, etc.) implementation
5	Saplings removed, classification, storage and transportation

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	5
P2	5	5	5	5	5
P3	5	5	5	5	5
P4	5	5	5	5	5
P6		4	4	4	5
P7	5	5	5	5	5

