



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

Course Title	Medicinal and Aromatic Plants								
Course Code	TABİ303			Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Learning of classification, importance, morphological properties, cultivation, medicinal and aromatic products, and utilization of medicinal and aromatic plants.								
Course Content	History of medicinal and aromatic plants, medicinal and aromatic plants in Turkey and World, classification of medicinal and aromatic plants, economic importance of medicinal and aromatic plants, morphological properties, cultivation, extraction methods, herbal medicines, essential oils and aromatherapy								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)	Ins. Ali ERKUL								

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Tıbbi ve Aromatik Bitkiler Bilimi ve Teknolojisi, Prof.Dr. Hasan Baydar
2	Tıbbi Bitkiler I, Prof.Dr.Ayhan Ceylan
3	Tıbbi ve Aromatik Bitkilerin Yetiştiriciliği, Anadolu Üniversitesi Yayınları, Eskişehir, 2010.

Week	Weekly Detailed Course Contents	
1	Theoretical	History of medicinal and aromatic plants
2	Theoretical	Medicinal and aromatic plants in Turkey and World
3	Theoretical	Classification of medicinal and aromatic plants
4	Theoretical	Economic importance of medicinal and aromatic plants
5	Theoretical	Morphological properties of medicinal and aromatic plants
6	Theoretical	Morphological properties of medicinal and aromatic plants
7	Theoretical	Morphological properties of medicinal and aromatic plants
8	Theoretical	Midterm exam
9	Theoretical	Cultivation of medicinal and aromatic plants
10	Theoretical	Cultivation of medicinal and aromatic plants
11	Theoretical	Cultivation of medicinal and aromatic plants
12	Theoretical	Extraction methods
13	Theoretical	Herbal medicines
14	Theoretical	Essential oils
15	Theoretical	Aromatherapy

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Individual Work	14	1	0	14
Midterm Examination	1	3	1	4
Final Examination	1	3	1	4
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Learning of economic importance of map (=medicinal and aromatic plants)
2	Classification of map
3	Learning of morphological properties of map
4	Learning of cultivation of map
5	Learning of herbal medicines
6	Learning of essential oils and aromatherapy

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	L6
P1	4	4	4	4	4	4
P2	3	3	3	3	3	3
P3	3	3	3	3	3	3
P4	3	3	3	3	3	3
P5	3					

