



## AYDIN ADNAN MENDERES UNIVERSITY 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)		Lec. Ali ERKUL							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

### 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 (Plant Protection)**

1	To be able to learn about systematics, morphological, biological, ecological and epidemiological information about diseases, pests and weeds that cause the loss of the crop at every stage of production,
2	To be able to become familiar with agricultural management control methods and their use in control of plant diseases, pests and weeds in cultivated agricultural crops,
3	To be able to diagnose and identify plant diseases, insect, mite or nematode pests or weeds that cause economical losses in stored crops and products,
4	To be able to use pesticides safely and effectively and informed about their hazardous non-target effects on the environment and human health.
5	To be able to learn plant protection products and their practice in organic agriculture,
6	To be able to evaluate the information obtained throughout the learning process with cause-effect relations, to be able to collect data and transfer the results to practice, and to predict where, when and why to use the information
7	To be able to comply with professional, cultural, social ethic rules in his / her field and to be entrepreneurial
8	To be able to have conscious of the universality of social rights, social justice, quality and cultural values, environment protection, occupational health and safety issues
9	To be able to use information and communication technologies together with the required computer software of his / her field
10	To be able to have the necessary background and qualifications to work in public and private agriculture sectors, to be able to conduct a study independently / as a team member and to be able to comply with the relevant legislation

**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	1					
P2	1					
P3	1					
P6	3	3	3	3	2	2
P7						1
P8						1
P10	3	2	3	4	3	3

