



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 (Fungiculture)

1	Having knowledge of morphology, anatomy, cytology, physiology and biochemical structures of mushroom
2	Having knowledge of soil and climate conditions for mushroom cultivation
3	Having knowledge of identification, classification and the use areas of mushroom species
4	Having knowledge of culture and production techniques of mushroom
5	Having knowledge of harvest and conservation of mushroom
6	Having ability to identify and to maintain important diseases and pests of mushroom species
7	Having ability and knowledge of marketing techniques of mushroom products, effectively.
8	Ability to project mushroom built.
9	Having knowledge of Laboratory techniques
10	Having knowledge of mushroom management

