



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Medicinal and Aroical Plants							
Course Code		ORT221		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The aims of this lesson can be defined as understanding of importance of medicinal and aromatic plants in the World and Turkey, revealing its role in the World and Turkey trade, introducing of this plants group, teaching the general cultivation techniques, introducing particular economic importance for Turkey and teaching culture of medicinal and aromatic plants.							
Course Content		Historical development, importance, ecological requirements, general cultivation techniques, drying and storage process, effective materials and their variability of medicinal and aromatic plants are pointed out in general part of the course. Spreading areas of Apiaceae, Lamiaceae, Asteraceae families and other plant characteristic of botany, content of main components, the way of consumption.							
Work Placement		Students have made their compulsory internship at II and IV semester for 30 days							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)		Assoc. Prof. İlkey YAVAŞ							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Ceylan, A., 1995. Medicinal Plants I , E.U. Faculty of Agriculture, N: 312
2	Ceylan, A., 1996. Medicinal Plants II, E.Ü. Faculty of Agriculture, N: 481

Week	Weekly Detailed Course Contents	
1	Theoretical	Historical development over medicinal and aromatic plants
2	Theoretical	Importance and classification of medicinal and aromatic plant
	Preparation Work	Introducing and investigating of seeds of some medicinal and aromatic plants
3	Theoretical	Status of medicinal and aromatic plant in World and Turkey
4	Theoretical	Ecological requirement of medicinal and aromatic plant
5	Theoretical	The main principle of medicinal and aromatic plants cultivation.
6	Theoretical	Storage and drying process of medicinal and aromatic plants, introducing of drugs.
	Preparation Work	Drying application of some medicinal and aromatic plants and materials to be
7	Theoretical	Bazı tıbbi ve aromatik bitkileri kurutma uygulaması ve kullanılacak malzemeler
	Preparation Work	Drying application of some medicinal and aromatic plants and materials to be
8	Intermediate Exam	Midterm Exam
9	Theoretical	Secondary plant materials and their variability.
10	Theoretical	Essential oils and their characteristics
11	Theoretical	Importance of some plants belong to Apiaceae family (dill, coriander, fennel, anis), characteristics of herb, technique of agronomy and uses of them
	Preparation Work	Introduction of materials prepared
12	Theoretical	Importance of some plants belong to Apiaceae family (daisy, fleaworth), characteristics of herb, technique of agronomy and uses of them.
	Preparation Work	Introduction of materials prepared
13	Theoretical	Importance of some plants belong to Lamiaceae family (mint, oregano) characteristics of herb, technique of agronomy and uses of locality.
	Preparation Work	Introduction of materials prepared
14	Theoretical	Introducing of sage plant which belong to Lamiacea family and some medicinal and aromatic plants belong to other important families (black cumin) and technique of agronomy.
	Preparation Work	Introduction of materials prepared
15	Final Exam	Final Exam



Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	10	1	11
Final Examination	1	10	1	11
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To be able to identify the importance of medicinal and aromatic plants in the agriculture in Turkey and in the world,
2	To be able to list the general characteristics of medicinal and aromatic plants,
3	To be able to comprehend the ecological requirements techniques, growing, drying and store in this plants.
4	To have knowledge about the recognition of medicinal and economic plants, collection and drying of plants after collection and storage
5	To comprehend the basic knowledge in agriculture, agricultural control, microbiology, food, chemistry and marketing branches,

Programme Outcomes (Organic Agriculture)

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Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3
P5	3	3	3
P6	4	4	4
P8	4	4	4
P11	4	4	4

