



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Medicinal and Aromatic Plants Cultivation							
Course Code		TAP207		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	5	Workload	124 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		To introduce medicinal plants, teaching growing techniques							
Course Content		History, importance, ecological demand, general growing, principals of drying and storage, effective substance and their variability's, spreading area, botanical features, growing techniques, their effective substances, important pest and diseases and consumption field of Medicinal and Aromatic Plants							
Work Placement		Students do their compulsory internship at the 2nd and 4th semester for 30 days							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Medicinal Plants; Prof. Dr. Ayhan CEYLAN
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Week	Weekly Detailed Course Contents	
1	Theoretical	History and importance of Medicinal plants
2	Theoretical	Ecological demands
3	Theoretical	General growing
4	Theoretical	Principals of drying and storage
5	Theoretical	Effective substance and their variability's
6	Theoretical	Spreading area
7	Theoretical	Botanical features
8	Theoretical	Midterm Exam
9	Theoretical	Growing techniques
10	Theoretical	Growing techniques
11	Theoretical	Growing techniques
12	Theoretical	Medicinal plants' effective substances
13	Theoretical	Medicinal plants' effective substances
14	Theoretical	Important pest and diseases and consumption field of Medicinal and Aromatic Plants
15	Theoretical	General Assesment
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	16	0	2	32
Lecture - Practice	16	0	2	32
Assignment	10	2	1	30
Midterm Examination	1	14	1	15
Final Examination	1	14	1	15
Total Workload (Hours)				124
[Total Workload (Hours) / 25*] = ECTS				5

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	To be able obtain knowledge about medicinal and aromatic plants in the culture of our country and around the world
2	To be able to obtain knowledge about the active substances of medical and aromatic plants
3	To be able to plant species suitable to its ecology and climate
4	To be able to do maintenance and fertilization of the medicinal and aromatic plants, and obtain knowledge about their needs.
5	To be able prevent plant disease
6	To be able comprehend methods applied in the process of harvesting

Programme Outcomes (*Medical and Aromatic Plants*)

1	Understands the importance of medicinal and aromatic plants in the World and Turkey
2	Learn about the general characteristics of medicinal and aromatic plants. Learn the important issues in cultivation and can apply.
3	Learn about usage technologies about medicinal and aromatic plants and can apply.
4	Inform of producers of medicinal and aromatic plant species in offering, material supply, production process, marketing matter.
5	Know and follow the laws and regulations pertaining to the profession.
6	Learns morphological and anatomical structures of plants.
7	Learns to identify medicinal and aromatic plants.
8	To be able to behave sensitively towards environmental issues at national and global levels and to be able to interpret solution-oriented information; to be able to be an environmentally conscious and entrepreneurial individual
9	To be able to follow, evaluate and implement new developments and applications in the cultivation of medicinal and aromatic plants independently or as a team.

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
P2	5	5	5	5	5	5

