



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Medicinal and Aromatic Plants							
Course Code		TL070		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	77 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The aims of this course 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							
Course Content		Uses of medicinal and aromatic plants,Biovariety of Turkey,Medicinal and aromatic plants collected from the natural flora,The importance of medicinal and aromatic plants cultivation,Utilization of medicinal plants							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Ceylan, A.,1995. Tıbbi Bitkiler I. Ege Üniv.Zir.Fak., Yay. No:312.
2	Baydar, H., 2009. Tıbbi ve Aromatik Bitkiler Bilimi ve Teknolojisi. Süleyman Demirel Üniversitesi, Ziraat Fakültesi, Yayın No:51.

Week	Weekly Detailed Course Contents	
1	Theoretical	Historical development of medicinal and aromatic plants.
2	Theoretical	Uses of medicinal and aromatic plants
3	Theoretical	Economic importance of medicinal and aromatic plants on the world.
4	Theoretical	Economic Importance of medicinal and aromatic plants in Turkey
5	Theoretical	Biovariety of Turkey
6	Theoretical	Biovariety of Turkey
7	Theoretical	Medicinal and aromatic plants collected from the natural flora
8	Theoretical	Medicinal and aromatic plants collected from the natural flora
9	Theoretical	The importance of medicinal and aromatic plants cultivation
10	Theoretical	Growing medical plants and drug preparation.
11	Theoretical	Growing medical plants and drug preparation.
12	Theoretical	Utilization of medicinal plants
13	Theoretical	Utilization of medicinal plants
14	Theoretical	Utilization of medicinal plants

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Assignment	5	3	1	20
Individual Work	7	0	1	7
Midterm Examination	1	2	2	4
Final Examination	1	2	2	4
Total Workload (Hours)				77
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To be able to obtain information about general characteristics of medicinal and aromatic plants
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2	The importance of medicinal and aromatic plants in agriculture of World and Turkey
3	To be able to obtain information about uses of medicinal and aromatic plants
4	Be able to obtain information about ecological requirements and techniques of growing of medicinal and aromatic plants
5	Be able to give information to the producers about providing material, production process and about marketing

Programme Outcomes (Medical Laboratory Techniques)

1	Understands the basic operation, organization, and safety rules of the medical laboratory; takes personal safety precautions and ensures a safe laboratory environment.
2	Accepts samples in the medical laboratory, performs pre-analysis preparation, ensures proper transfer conditions, and delivers results.
3	Performs basic tests in various fields of the medical laboratory, prepares analytical solutions, and effectively uses devices and techniques involved in the analysis process.
4	Applies disinfection and sterilization techniques, ensures laboratory hygiene, and complies with waste management procedures.
5	Evaluates and interprets the results of analyses and prepares laboratory reports in accordance with professional ethical principles.
6	Possesses fundamental knowledge of health sciences and effectively uses medical terminology in professional applications.
7	Communicates effectively in healthcare services, works well in teams, and uses Turkish proficiently; has a basic level of foreign language proficiency in professional applications. Embraces Atatürk's principles and reforms, adopts national, moral, spiritual, and cultural values, and maintains an open perspective toward universal and contemporary developments.
8	Keeps up with advancements in science and technology, continuously updates professional knowledge and skills, and engages in self-improvement.
9	Is aware of individual and public health, environmental protection, and occupational safety issues and fulfills responsibilities in these areas.
10	Possesses awareness of career management and lifelong learning within an academic context.

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

	L1	L2	L3	L4	L5
P1	5	4	4	3	3
P2	4	5	4	4	3
P3	4	4	5	4	4
P4	3	3	4	5	5
P5	3	4	4	5	5
P6	3	3	3	4	5
P7	3	3	4	4	5
P8	5	4	5	5	4
P9	3	3	4	4	5
P10	3	3	4	4	5

