AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Systematics of Medicinal and Aromatic Plants								
Course Code	TAP209		Couse Level		Short Cycle (Associate's Degree)				
ECTS Credit	5	Workload	120 *(Hours)*	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	To be able to categorize medicinal and aromatic plants. To be able to recognize medicinal and aromatic plants with their morphological and systematic characteristics.								
Course Content	The history of useful plants. The importance of Turkey's flora for medicinal and aromatic plants. How classified according to which properties of MAPs? What are the characteristics of MAPs families? Morphological properties and taxonomy of MAPs. Medicinal plants, essential oil plants, dye plants, exotic plants, spice plants and so on. Introduction of some medical and aromatic plant samples in nature and laboratory.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Experiment, Individual Study								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	50
Land Work	10	10
Practice Examination	6	10

Recommended or Required Reading	
1	E. Yücel, 2019. Türkiye'de Yetişen Tıbbi Bitkiler Tanıma Klavuzu.

Week	Weekly Detailed Course Contents	
1	Theoretical	Use of medicinal plants in ancient times.
2	Theoretical	Classification of Medicinal and Aromatic Plants
3	Theoretical	Alphabetical and Morphological Classification
4	Theoretical	Chemical, Pharmachemical and Pharmacological Classification
5	Theoretical	Botanical Classification
6	Theoretical	Used in medicinal and aromatic plants: Herba, folia, flores, fructus, semen, radix, rhizomes, tubers, bulb and so on.
7	Theoretical	Definitions and types of drugs, pharmacope etc.
8	Intermediate Exam	Applied and written.
9	Theoretical	General characteristics of medicinal and aromatic plants
10	Theoretical	Systematic of plants with medicinal and aromatic belonging to Lamiaceae family
11	Theoretical	Systematic of plants with medicinal and aromatic belonging to Asparagaceae family
12	Theoretical	Systematic of plants with medicinal and aromatic belonging to Apiaceae family
13	Theoretical	Systematic of medicinal and aromatic plants that cultivated.
14	Theoretical	Systematic of Medicinal and Aromatic Plants Collected from Nature
15	Theoretical	Systematics of Medicinal and Aromatic Plants in our daily life
16	Final Exam	Applied and written

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	1	2	42
Land Work	10	0	1	10
Practice Examination	6	1	1	12
Midterm Examination	1	11	1	12

Final Examination	1	15	1	16
			Total Workload (Hours)	120
			[Total Workload (Hours) / 25*] = **ECTS**	5
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Methods of classification of medicinal and aromatic plants
2	Recognize the genera which have medicinal and aromatic use in important families
3	Knows the properties of families with medicinal and aromatic use
4	Categorize plants according to their usage.
5	Recognize the scientific and local names of Medicinal and Aromatic Plants grown in Turkey

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
P1	5	5	5
P2	5	5	5
P4	3	3	1
P6	5	5	5
P7	5	5	5