



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Ethnobotany							
Course Code		TAP230		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	77 (Hours)	Theory	2	Practice	1	Laboratory	0
Objectives of the Course		This course is aimed to give information about economic and medicinal properties of plants. Defining the interactions between humans and plants, culturally and scientifically defined plant biodiversity.							
Course Content		The definition and history ethnobotany. The pursuing methods in ethnobotanical studies. The important points in preparation and application of questionnaire forms. Plant human interactions. The types of plant using. The origin of cultivated plants. The name and short definition of important plants such as tea, coffee and leguminous plants. Paint plants and its biological features. Root paint application techniques in Anatolia. The biological properties of poisonous plants. Plants, its using belong to our country.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	20
Term Assignment	1	80

### Recommended or Required Reading

1	Ethnobotany: Evolution of a discipline: Richard Evans, Siri von Reis. 1997. USA
2	Plants, people, and culture: The Science of Ethnobotany. Balick, Michael J., and Cox, Paul Alan. Scientific American Library 1997.

Week	Weekly Detailed Course Contents	
1	Theoretical	Ethnobotanical History
2	Theoretical	What is Ethnobotany? Ethnobotanical studies.
3	Theoretical	Ethnobotany and plant reproduction banks
4	Theoretical	Ethnobotanical survey preparation techniques for the study.
5	Theoretical	Ethnobotanical heritage. Usage patterns of plants.
6	Theoretical	History of folk medicine. The use of plants in folk medicine.
7	Theoretical	Dye plants and the use of painting techniques. Dye plants and the use of painting techniques.
8	Intermediate Exam	The exam
9	Theoretical	Ethnobotanical study methods: sample study
10	Theoretical	Plants use as food and building materials
11	Theoretical	Ethnobotanical properties of cultured plants
12	Theoretical	Ethnobotany in the culture of seed plants
13	Theoretical	Historical background and future of ethnobotany
14	Theoretical	Ethnobotany in Turkey: Past and Present
15	Theoretical	Land applications in ethnobotanical studies
16	Final Exam	The exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Land Work	14	1	2	42
Midterm Examination	1	6	1	7
Total Workload (Hours)				77
[Total Workload (Hours) / 25*] = ECTS				3

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	Explains description and history of ethnobotany.
2	Knows ethnobotanical methods.
3	Prepares forms for ethnobotanical studies.
4	Knows plant-human relations along history.
5	Knows how to use plants.
6	Describes important plants such as tea, coffee and fabacian plants.

**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
P1	5					4
P2		4				
P3						4
P4	5			4	4	
P9		4	4			

