



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Medicinal Plants and Areas of Use							
Course Code		TB109		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The importance of medicinal plants, classification, economy, and to gain knowledge about the uses of the plants used.							
Course Content		The importance of medicinal plants, classification, economy, plants used in traditional medicine practices and, phototherapy, herbal medicine preparation methods, perfumes, dyes, spices, herbal tea, and other uses of the plants and used plants.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Experiment, Discussion					
Name of Lecturer(s)		Prof. Olcay ARABACI							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Ceylan, A., 1995. Tıbbi bitkiler I , EÜ Ziraat Fakültesi Yayınları, No: 312
2	Ceylan, A., 1996. Tıbbi Bitkiler II, EÜ Ziraat Fakültesi Yayınları, No: 481
3	Baydar, H., 2009. Tıbbi ve Aromatik Bitkiler Bilimi ve Teknolojisi, SDÜ Ziraat Fakültesi Yayın No: 51
4	Farklı Kaynaklardan Derlenmiş Sunumlar ve Ders Notları İnternet Kaynakları

Week	Weekly Detailed Course Contents	
1	Theoretical	The historical development of medicinal plants
2	Theoretical	The importance of medicinal plants and endemism
3	Theoretical	Classification of medicinal plants
4	Theoretical	Economic importance of medicinal plants
5	Theoretical	Folk medicine, herb and spice seller
6	Theoretical	Traditional medicine practices and plants used
7	Theoretical	Herbal medicines and phototherapy
8	Intermediate Exam	Midterm exam
9	Theoretical	Methods of preparing herbal medicine
10	Theoretical	Perfume and fragrance plants
11	Theoretical	Personal fragrance production
12	Theoretical	Natural dyes, dyeing and dye plants
13	Theoretical	Spices and spices plants
14	Theoretical	Herbal teas and herbal tea plants
15	Theoretical	Other uses of medicinal plants, practical mixtures can be prepared at home
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	21	2	23
Final Examination	1	22	2	24
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Understand the importance of medicinal plants
2	Learn about traditional medicine practices,
3	Understanding of the principles of preparation and the importance of herbal medicines
4	Learning areas of general use of medicinal plants
5	Recognition of plants used for areas of use of medicinal plants

Programme Outcomes (Horticulture)

1	Ability to examine agricultural problems under the light of basic science, mathematics, and agriculture knowledge
2	Ability to plan and apply in different agricultural systems in horticultural crop plants
3	To constitute and realize breeding programmes according to market demands
4	Ability to propagate any kinds of stock materials in horticultural crop plants
5	Ability of transfer of modern technologies to production
6	Ability to have a consciousness of quality in production, storage, and evaluation in horticultural crop plants (To measure, evaluate, and manage different quality parameters)
7	To think analytically of protecting, providing transfer to future, and having responsibility to environment of all plant materials belong to horticultural crop plants area
8	Ability to search, think analytically, reach to knowledge, and obtain solution for solving of agricultural problems (Project, homework, thesis, summer training)
9	Ability to be aware of agricultural problems, to follow them, and to communicate own ideas of these subjects by verbal and written ways (Turkish, social course)
10	To be able to perform in a teamwork
11	Ability to work independently, give decision, and Express own thoughts by occupational-ethic values verbal and written ways in horticultural crop plants
12	Ability to think creatively, innovatively, and analytically, to comprehend the need of lifelong learning, be a part of a related subjects in a web of communication, and to develop by social means

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

	L1	L2	L3	L4	L5
P5	5	5	5	5	5
P12	5	5	5	5	5

