



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Drog Preperation Technics							
Course Code		TAP203		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	102 (<i>Hours</i>)	Theory	2	Practice	1	Laboratory	0
Objectives of the Course		To educate the preperation of drugs which are used as medicinal and aromatic							
Course Content		Introduction to the drug. Herbal drugs, drugs which are obtained from whole plant or a part of a plant, root, rhizome, tuber, wood, shell, leaf, flower, fruit, seed drugs, classification and nomenclature of the drugs. Purity test, marketing, storage, drying, obtaining of drugs according to Turkey and EU standarts. Infusion, decoction, pomade, lozenge, syrup preparation. Microscopic investigation of drugs, diagnosis of plants and laboratory applications							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Experiment, Demonstration					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Baytop, T., 1999. Türkiyede Bitkiler ile Tedavi (Geçmişte ve Bugün), Nobel Tıp Kitabevleri, İstanbul.
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Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to drugs
2	Theoretical	Herbal drugs
3	Theoretical	Plant parts which are used for preparation of drugs
4	Theoretical	Plant parts which are used for preparation of drugs
5	Theoretical	Classification and nomenclature of the drugs
6	Theoretical	Classification and nomenclature of the drugs
7	Theoretical	Classification and nomenclature of the drugs
8	Theoretical	Quiz
9	Theoretical	Drugs standarts according to Turkey and EU
10	Theoretical	Drugs standarts according to Turkey and EU
11	Theoretical	Drug obtaining methods
12	Theoretical	Drug obtaining methods
13	Theoretical	Preparation techniques
14	Theoretical	Preparation techniques
15	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	1	14
Assignment	10	2	1	30
Midterm Examination	1	14	1	15
Final Examination	1	14	1	15
Total Workload (Hours)				102
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be able to recognize the drugs
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2	To be able to acquire knowledge about plant parts which are used for the preparation of drug
3	To be able to name drugs
4	To be able to prepare Preparation techniques
5	To be able to learn national and international drug standards

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
P2	4	4	4	4	4
P3				5	
P5					5
P6	5	5	5		
P9					5

