



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Drog Preparation Techniques							
Course Code		TABİ203		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 (<i>Hours</i>)	Theory	2	Practice	1	Laboratory	0
Objectives of the Course		Recognize herbs used for medical purposes and gain the ability to create a drug in tended for medical purposes with drugs derived from plants							
Course Content		Definition and promotion of drugs, herbal drugs, drugs derived from plants from all or a portion of the root, rhizome, tubers, wood, bark, leaves, flowers, fruit, seed, herb,Turkey and the EU according to drug standards, methods for obtaining, drying, storage, marketing and purity checks, slide preparation, infusion, decoction, ointment, lozenge, syrupmade. Microscopic investigation of drug powders, plants, and laboratory diagnosis of application threads.							
Work Placement		Students have to complete their internship and properties with in required thirty days time. The required rules has been described at the Adnan Menderes University, Sultanhisar Vocational School, Student Internship Instructions.							
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	Lecturer notes
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Week	Weekly Detailed Course Contents	
1	Theoretical	Definition of herbal drugs, Drug introduction
2	Theoretical	Classification of herbal drugs, are name
3	Theoretical	Turkey and the EU according to drug standards
4	Theoretical	Methods of acquiring drugs
5	Theoretical	Stages of drying and storage of drugs
6	Theoretical	Marketing of drugs, countries which export drugs
7	Theoretical	Purity examination
8	Intermediate Exam	Midterm examination
9	Theoretical	Preparation techniques for the preparation
10	Theoretical	Infusion, decoction
11	Theoretical	Pomade, pistil, Tincture
12	Theoretical	Syrup, Pills
13	Theoretical	Microscopic examination of drug powders
14	Theoretical	Laboratory practice
15	Theoretical	Laboratory practice

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Midterm Examination	1	23	1	24
Final Examination	1	33	1	34
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Definition of drugs
2	Having knowledge of Turkey and the EU according to drug standards
3	Be knowledgeable about drying techniques of drugs
4	Applying the methods of drug preparation
5	Examine microscopic of drug dust

Programme Outcomes (*Medical and Aromatic Plants*)

1	Having the recognition, classification and the use areas knowledge of medical and aromatic plants
2	Having practical and technical knowledge about cultivation and production of medical and aromatic plants
3	Having knowledge of morphology, anatomy, cytology, physiology and biochemical structures of medical and aromatic plants
4	Having knowledge of importance of soil conditions to grow medical and aromatic plants
5	Having information and the ability to use materials related with basic math and basic chemistry founded on qualifications gained in secondary education
6	Having ability to use effective own language and having knowledge of foreign language in order to communicate own colleagues and own customers
7	Having ability to collect medical and aromatic plants, having knowledge of seed technology, drying and conservation of these plants
8	Having ability to identify and to fight diseases and pests of medical and aromatic plants
9	Having knowledge of all Agricultural activities
10	Having knowledge of Atatürk Principle and Revolutions and to assimilate Atatürk Principle and Revolutions
11	Having consciousness of quality
12	Having knowledge and accumulation of investigative and evaluation
13	Ability to work as an individual capable of independent decision-making ideas verbally and in writing, stating the figure to communicate in a clear and concise
14	Ability to identify plants used for medical purposes and to obtain mixtures from drugs acquired these plants
15	Having skill and knowledge of marketing techniques medical and aromatic plants

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

	L1	L2	L3	L4	L5
P14	5	5	5	5	5

