



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Industrial Extraction Methods							
Course Code		TAP231		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The purpose of the course is to teach extraction methods and its applications in industry.							
Course Content		Extraction methods, industrial devices and applications							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Case Study, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Lecture notes
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Week	Weekly Detailed Course Contents	
1	Theoretical	General laboratory technics
2	Theoretical	General laboratory technics
3	Theoretical	Introduction to extraction methods
4	Theoretical	Extraction methods
5	Theoretical	Extraction methods
6	Theoretical	Extraction methods
7	Intermediate Exam	Mid term exam
8	Theoretical	Industrial extraction methods
9	Theoretical	Industrial extraction methods
10	Theoretical	Industrial equipments
11	Theoretical	Industrial equipments
12	Theoretical	Industrial extraction applications
13	Theoretical	Industrial extraction applications
14	Theoretical	Industrial extraction applications
15	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	5	1	1	10
Reading	5	0	2	10
Midterm Examination	1	0	1	1
Final Examination	1	0	1	1
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Learns industrial extraction applications
2	Learns industrial extraction equipments
3	Learns applications of extraction technics



4	Learns general laboratory applications
5	Learns to set an extraction system

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	5	4
P4	4	4	5	4	4
P9	4	4	4	5	4

