



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Recycle							
Course Code		KGK270		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Having aknowledgeabout recovery and recycling of various types of waste, learning recovery methods, examination of recyclablerefuseforTurkey.							
Course Content		Solid Waste, waste lube oil and vegetable oil, packaging waste, waste batteries and accumulators, electronic waste, scrap waste, industrial waste, environmental importance of recovery and recycling, economical importance of recovery and recycling, recovery and recycling technologies, physical recycling methods, chemical recycling methods, pyro/hydro metallurgical recycling methods, a sustainable recovery system development methods for evaluable waste in Turkey.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)		Lec. Kübra GENÇDAĞ ŞENSOY							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Toröz, İ. (Çeviri) (2011). Çevre Mühendisliğine Giriş, Nobel Yayınevi.
2	Çınar, Ö. (2008). Çevre Kirliliği ve Kontrolü, Nobel Yayınevi

Week	Weekly Detailed Course Contents	
1	Theoretical	Solid Waste, Waste Lube Oil and Vegetable Oil
2	Theoretical	Packaging Waste
3	Theoretical	Waste Batteries and Accumulators
4	Theoretical	Electronic Waste, Scrap Waste
5	Theoretical	Industrial Waste
6	Theoretical	Environmental Importance of Recovery and Recycling
7	Theoretical	Geri Kazanım ve Geri Dönüşümün Ekonomik Önemi
8	Intermediate Exam	Mid-Term exam
9	Theoretical	Recovery and Recycling Technologies
10	Theoretical	Physical Recycling Methods
11	Theoretical	Physical Recycling Methods
12	Theoretical	Chemical Recycling Methods
13	Theoretical	Chemical Recycling Methods
14	Theoretical	A Sustainable Recovery System Development Methods for Evaluable Waste in Turkey
15	Theoretical	An overview
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	10	1	11
Final Examination	1	10	1	11
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Recognise of the various waste types
2	Understand the importance of recycling recovery
3	Learns methods of recycling.
4	Understand the importance of recycling recovery
5	Understand the importance of recycling recovery

Programme Outcomes (Food Technology)

1	To be able to remember technologies used in food sector
2	to be able to recognise food production condition and provide to food safety
3	to be able to comprehend basic processes in food production
4	to be able to apply hygien and sanitation rules in food facilities
5	to be able to remember basic chemistry, food chemistry and microbiology
6	to be able to write physical, chemical and nutritional properties of foods and to comment their effect on human health
7	to be able to memorise food quality control technics and to evaluate result of control according to food legislation
8	to be able to have knowledge of professional ethics and responsibility
9	to be able to work in team and individual
10	to be able to communicate orally and proficiency in writing
11	to be able to follow professional development that adopt of life-long learning
12	to be able to be a person who wanted for sector

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

	L1	L2	L3	L4	L5
P7	5	5	5	5	5
P8	4	5	5	5	5
P9	5	5	5	5	5
P10	5	5	5	5	5
P11	5	5	5	5	5
P12	5	5	5	5	5

