



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Environmental Protection							
Course Code		KGK163		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	52 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Introduction of environmental pollution, discharge criteria, river pollution, lake ecology, air pollution, photochemical smog, inversion, solid wastes, evaluation, and disposal methods, soil pollution, environmental legislation of Turkey, Compliance with environmental legislation of European Union.							
Course Content		Environmental Pollution, Sources and types, water pollution and contamination of water environment, waste water treatment and techniques. Soil pollution, prevention and control, and control of municipal solid waste, industrial solid wastes and control, and control of hazardous solid wastes, and control of air pollution sources, atmospheric transport of heavy metals and other pollutants, prevention of noise pollution and types legislation of environmental pollution control, compliance with European Union.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Experiment, Demonstration					
Name of Lecturer(s)		Ins. İsmail BÖLÜK							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Su kirliliği ders kitabı, M. Ziya Lügal GÖKSU, Çukurova Üniversitesi Yayınları, 2003.
2	Çevre Sorunları, Turgut Gündüz, Gazi Kitabevi, Ankara, 1998.
3	http://www.cevreorman.gov.tr/yasa/yonetmelik.asp
4	http://www.akademisyenim.net

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction, environmental pollution, resources and types.
2	Theoretical	Water pollution and contamination of water environments.
3	Theoretical	Classification of pollutants in waters.
4	Theoretical	Waste water and waste water treatment techniques.
5	Theoretical	Soil pollution, prevention and control.
6	Theoretical	Control of municipal solid waste.
7	Theoretical	industrial solid wastes and control.
8	Theoretical	Control of hazardous solid wastes.
9	Intermediate Exam	Mid-term Exam
10	Theoretical	Determination of air quality.
11	Theoretical	Inversion of temperature and the greenhouse effect.
12	Theoretical	Atmospheric transport of heavy metals and other pollutants.
13	Theoretical	Prevention of noise pollution and types.
14	Theoretical	Legislation of environmental pollution control, compliance with European Union.
15	Theoretical	General Repatiton
16	Final Exam	Final examination

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	15	0	1	15
Assignment	15	0	1	15
Midterm Examination	1	10	1	11



Final Examination	1	10	1	11
Total Workload (Hours)				52
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To obtain information on the prevention of environmental pollution.
2	Soil pollution sources, and have knowledge about prevention.
3	Has general information on legislation related to environmental pollution.
4	Water and air pollution sources, and have knowledge about prevention.
5	Noise sources, and have knowledge about prevention.

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
P8	5	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

