



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Environmental Health Practices I							
Course Code		ÇS203		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	6	Workload	150 (<i>Hours</i>)	Theory	0	Practice	8	Laboratory	0
Objectives of the Course		In this course, it was aimed that to give the ability to manage to the students in the light of the scientific method's steps. These processes to notice a unique problem related to Environmental Health, regardless of the detection process in the relevant field of research, design, implementation and conclusion.							
Course Content		Major environmental problems and their reasons. The institutions and organizations that are serving at environmental health area, and its working principles.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Experiment, Demonstration, Case Study, Individual Study					
Name of Lecturer(s)		Ins. Hayriye Nurcan SÖBÜTAY, Lec. Cumhuriyet AYKURT ÇOLAKOĞLU, Lec. Engin GEZGİN, Lec. Hakan KİRİF, Lec. Mert SOYSAL, Lec. Nurcan SAYIN, Lec. Özen ELGÜNLÜ, Lec. Sevil ÖZCAN, Prof. Canan HAZIR							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Practice Examination	1	100

Recommended or Required Reading

1	Prof. Dr. Turgut Gündüz, Çevre Sorunları, A.Ü. Science Faculty, Chemistry Department, 1994.
2	Cansaran, E. S. Darçın, C. Dilek, Y. Güçlü, M. Hammalosmanoğlu, L. Türkmen, C. Yıldırım (edith:Orçun Bozkurt), Çevre Eğitimi, Pegem Publishing house, 2008.
3	Dr. Ergun Gürpınar, Çevre Sorunları, Der Publications, 1998.
4	Richard Spurgeon, Ekoloji, TÜBİTAK, 2002
5	Environmental Health Technician's Lecture Notes. Food, Agriculture and Livestock Ministry General Directorate of Personnel.

Week	Weekly Detailed Course Contents	
1	Practice	Wastes of the household and urban. The elements of the environment.
2	Practice	Environmental pollution and its reasons.
3	Practice	Major environmental problems.
4	Practice	Classification of the pollution. Variety of the pollution.
5	Practice	Environmental health and protection of the environment.
6	Practice	Hydrological methods; the water cycle, and groundwater formation.
7	Practice	Hygiene district offices, and its' organization scheme and job distribution.
8	Practice	Food, agricultural control laboratories and processes.
9	Practice	The structure and the functions of public health laboratories.
10	Practice	Duties and responsibilities of Environmental Health Unit in Public Health Laboratory.
11	Practice	Structure, organization and operating principles of private analysis laboratories.
12	Practice	Acceptable conditions of the analyzed samples.
13	Practice	Wastewater treatment plants and its' work principles.
14	Practice	The history and purpose of the treatment plant operation in our country, and their the current situation.

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Practice	14	0	8	112
Assignment	1	2	2	4
Individual Work	14	0	2	28



Practice Examination	1	4	2	6
Total Workload (Hours)				150
[Total Workload (Hours) / 25*] = ECTS				6
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Aware of the environmental issues, and tries to establish a relationship between cause and effect.
2	Having information about the works of different institutions and organizations which are providing service in environmental health studies.
3	They will have the competence and the necessary method's skills in order to access to the latest information and research to be able to grasp in the environmental health area.
4	To have knowledge about environment and employee health unit and its applications
5	To have information about waste water and filtration, meteorological parameters and air pollution and control

Programme Outcomes (Environmental Health)

1	They have the appropriate level of knowledge about the basic sciences which has an interaction with the environment and the environment itself.
2	They have gained the basic concepts, skills and qualifications in the Environmental health theoretical and practical lessons. And then they can establish the connections that are necessary to protect the environment and people's health in the light of these competencies.
3	They can use the approaches and the information of basic and applied research in different disciplines. They can follow the innovations and developments in their field, and have self-development competency with the terms of the day.
4	They know and apply the analysis methods used in the evaluation of environmental factors (drinking water, waste water treatment, air pollution, meteorological data, land values, food control, radiation measurement, etc.).
5	They have a professional and ethical consciousness, and have the ability to recognize the environmental problems and also can formulate a solution to these problems. They apply the gained knowledges and skills faced in real life situations, transfers the knowledge to individuals around, and wins the life-long learning behavior.
6	They are able to use their professional knowledge in their lives and behave sensitively toward the local and global environmental problems and effectively uses to the legislation and management tools the necessary for the solution.
7	Gained the ability to adapt the changing in a positive way themselves, to understand the core values and cultures of the society which are living. Sensitive to the universal and the social values, interests of the country, have adopted the concept of sustainable development, environmentally conscious, productive, behaves aware of the ethical and professional responsibility.
8	Provides a healthy interact of individual, society and the environment and take responsibility in the necessary situations for the continuity.
9	They gain the ecologically-based solving skills the problems and the delays that may arise in interaction with each other of living and nonliving environment. Interests of local and national, and Ecological and historical values of our country, and contribute to the protection and the development of them.
10	Exhibits the appropriate behaviours for the protection and the development of plants, animals, and inanimate environment, and the especially human health.
11	Knows the value of energy for life, recognizes the types of energy, and have conscious of the importance, using and dissemination of renewable energy sources.
12	Knows the properties of information and communication technologies, and uses them in the process efficiently and professionally.
13	They aware of the democracy, rule of law, human rights, the national and universal cultural characteristics, and sensitive towards to the nature, society and people.
14	Knows the importance of Atatürk's principles and reforms, make them a way of life.
15	Uses effectively the Turkish in speaking and writing.
16	Has at least one foreign language ability to be able to follow the knowledge in their profession and to communicate with colleagues.
17	To have the appropriate knowledge of medical sciences at the level of interest, to use specific medical terms and terminology of field

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	5	5	5	5	5
P3	5	5	5	5	5
P4	5	5	5	5	5
P6	5	5	5	5	5
P9	5	5	5	5	5

