



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Environmental Health and Epidemic Diseases in Disasters							
Course Code		ÖGK210		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	1	Practice	1	Laboratory	0
Objectives of the Course		To learn the concepts of infectious diseases and the ways of transmission, general characteristics of infectious agents, the importance of epidemic and infectious diseases that may occur in disaster-emergencies and the ways of protection.							
Course Content		The concept of infectious diseases, disaster and infection, characteristics of disaster variables, learning and protection of airborne diseases, water and foodborne diseases, skinborne diseases, treatment and prevention methods, diseases transmitted by parasites, treatment and prevention methods, disinfection, sterilization applications, determination of environmental health programs in the world, environmental health programs for disasters, environmental health management in disasters							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)		Ins. Figen ŞAHİN							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Dizer, U., M.Eryilmaz (2007). Disaster Medicine, Ünsal Publications, Ankara.
2	MINISTRY OF HEALTH. General Directorate of Primary Health Care. Date: 20.08.1999. Number: 4379. Lu circular
3	Doğal afetler ve olağanüstü durumlarda görülen enfeksiyon hastalıkları. R.Uçku

Week	Weekly Detailed Course Contents	
1	Theoretical	Infectious diseases concept
2	Theoretical	Disaster and infection
3	Theoretical	Characteristics of variables in disaster
4	Theoretical	Learning of airborne diseases and ways of prevention.
5	Theoretical	Water and foodborne diseases and ways of protection
6	Theoretical	Skin-borne diseases, treatment and prevention methods
7	Theoretical	Vector transmitted diseases, treatment and prevention methods.
8	Theoretical	Diseases transmitted by parasites, treatment and prevention methods.
9	Intermediate Exam	Midterm
10	Theoretical	Disinfection, sterilization applications
11	Theoretical	Determination of Environmental and Disaster Environmental Programs in the World
12	Theoretical	Environmental Health Management in Disasters,
13	Theoretical	measures to control the outbreak
14	Theoretical	measures to control the outbreak
15	Theoretical	measures to control the outbreak
16	Final Exam	Final examination



Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Lecture - Practice	14	0	1	14
Midterm Examination	1	9	1	10
Final Examination	1	11	1	12
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Learn the concepts of infectious diseases and the ways of transmission of diseases.
2	Know and apply the measures to be taken against epidemics in case of disaster.
3	Knows the general characteristics of infectious agents and learns the treatment methods.
4	Knows the ways of transmission of diseases and learns to prevent possible epidemic diseases in case of emergency.
5	Knows Environmental Health Management in Disasters

Programme Outcomes (Business Administration Management)

1	To be able to use the theoretical knowledge in business management in working life
2	Having the ability to use the management functions of the business and following new management techniques
3	To be able to fulfill the legal responsibilities of the operator, to have the knowledge and equipment to follow and implement the relevant legislation
4	To be able to use the information and communication technologies at the level required by the field, to adapt the new technologies to the operating systems by following the technological changes
5	To identify, analyze and bring solutions to problems encountered in professional practice
6	Managing business financing; bringing a solution to the financial problems by making the financial analysis of the business
7	Gaining the ability to manage the business by ensuring that the human resources operate and develop efficiently in line with business objectives
8	To be able to comprehend the basic functions of production and marketing as a whole and to be able to apply new production and marketing techniques
9	To be able to perform cost calculations in enterprises, to hold accounting records, to prepare financial statements and to be able to interpret
10	Having professional ethical values sought in the qualified personnel required by the market, and able to use Turkish language effectively in written and oral communication; To be able to have professional foreign language knowledge that can make international correspondences related to the field
11	Having analytical analysis, interpretation, evaluation and solution skills of field related information
12	To be able to follow and apply current and economic developments in national and international framework related to his / her profession

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

	L1	L2	L3	L4	L5
P1	1	1	1	1	1
P2	1	1	1	1	1
P3	1	1	1	1	1
P4	1	1	1	1	1
P5	1	1	1	1	1
P6	1	1	1	1	1
P7	1	1	1	1	1
P8	1	1	1	1	1
P9	1	1	1	1	1
P10	1	1	1	1	1
P11	1	1	1	1	1
P12	1	1	1	1	1

