



AYDIN ADNAN MENDERES UNIVERSITY
AYDIN VOCATIONAL SCHOOL OF HEALTH SERVICES
MEDICAL SERVICES AND TECHNIQUES
MEDICAL LABORATORY TECHNIQUES
COURSE INFORMATION FORM

Course Title	Measures For Environmental Health in Disasters								
Course Code	ÇS305			Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	To inform about the disasters, pre-disaster precautions to be taken and the necessary interventions against the environmental conditions that may affect adversely to the health of human /society.								
Course Content	Types of disasters, pre-disaster precautions to be taken and emergency aid in disaster conditions, and interventions of environmental health.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study, Individual Study								
Name of Lecturer(s)	Lec. Sevil ÖZCAN								

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Afetlerde Çevre Sağlığı Önlemleri (1997), Çağatay Güler, Zakir Çobanoğlu. Çevre Sağlığı Temel Kaynak Dizisi No: 39, Ankara.
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Week	Weekly Detailed Course Contents	
1	Theoretical	Definition and types of the disaster.
2	Theoretical	Disasters' results that related to public health.
3	Theoretical	Effects of disasters related to human health.
4	Theoretical	Major types of disasters and environmental problems arising after them.
5	Theoretical	Public health problems which emerged after different disasters.
6	Theoretical	The impact made by the different types of disasters.
7	Theoretical	Considerations related to disasters in the zoning plans, and their link with public health.
8	Theoretical	Midterm
9	Theoretical	Access, evacuation and emergency aid precautions in disaster case.
10	Theoretical	Access, evacuation and emergency aid precautions in disaster case.
11	Theoretical	Environmental health precautions in disaster case.
12	Theoretical	Environmental health precautions in disaster case.
13	Theoretical	Physical planning interventions can be taken against the disasters.
14	Theoretical	Disaster assessment.
15	Theoretical	General assessment.

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	5	1	6
Individual Work	2	5	2	14
Midterm Examination	1	10	1	11
Final Examination	1	15	1	16
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Can define the disaster, knows the types of disasters
2	Knows the precautions to be taken pre-disaster



3	Knows the evacuation and the emergency aid in disaster conditions
4	Knows and performs the interventions of environmental health in disaster condition
5	Knows the institutions and organizations to be searched in case of disaster.

Programme Outcomes (Medical Laboratory Techniques)

1	To be able to have sufficient back ground in medical laboratory techniques and medical laboratory branches (biochemistry, microbiology, parasitology, sitogenetiketc.);the ability to use theoretical and practical knowledge in these fields.
2	To be able to have the basic theoretical and practical knowledgeand other resources have been supported applications and tools based on secondary-level qualifications gained in the field of Medical Laboratory Techniques Program to-date text boks containing formations
3	To be able to have basic knowledge about structure and function of systems in human, to analyse these data on tissue, cell and diseases.
4	To be able to analyse the medical samples necessary for physicians by using tools, equipment and techniques at the diagnostic and the rapeutic laboratories of health agencies and evaluate the data.
5	To be able to use the medical laboratoy tools and equipments according to rules and technics, and make controls and maintenance of them
6	To be able to perform basic tests of related different medical laboratories, prepare solutions.
7	To be able to perform proper sample collection and transport procedures for the medical laboratory tests from the patient.
8	To be able to perform preanalytical sample preparation procedure, prepare inspection preparations, perform disinfection and sterilization
9	To be able to interpret and evaluate data, define and analyze problems, develop solutions based on research and proofs by using acquired basic knowledge and skills with in the field.
10	To be able to have knowledge about work organization and carry out related practice in medical laboratories
11	To be able to carry out laboratory safety protocols, take individual safety precaution and create safe laboratory environment.
12	To be able to gain the ability to apply by viewing and evaluating the processes related to his/her fields in public and private sector.
13	To be able to gain the awareness of the necessity of life long learning, ability to follow developments in science and technology and self-renewal.
14	To be able to help laboratory experts and medical scientists for their researches
15	To be able to be aware of individual and public health, environmental protection and job security issues, under standing the basic level of the relationship.
16	To be able to grasp principles of Atatürk and there volutions, to ensurenational, ethical, spiritual and cultural values, to adopt to universal and contemporary developments
17	To be able to communicate efficiently for medical service and speak Turkish efficiently.
18	To be able to communicate in English at basic level, utilize foreign language on occupational practice

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	3	3	3	3	3
P2	3	3	3	3	3
P3	3	3	3	3	3
P4	3	3	3	3	3
P5	2	2	2	2	2
P6	2	2	2	2	2
P7	1	1	1	1	1
P8	1	1	1	1	1
P9	1	1	1	1	1
P10	2	2	2	2	2
P11	3	3	3	3	3
P12	3	3	3	3	3
P13	4	4	4	4	4
P14	3	3	3	3	3
P15	5	5	5	5	5
P16	3	3	3	3	3
P17	5	5	5	5	5
P18	5	5	5	5	5

