



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

Course Title	Disaster Management								
Course Code	İAY801			Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	51 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	In disasters, the fire and the injured in an accident any emergency help first and correct methods of using, to save the life of individuals, to ensure coordination in the area of disaster relief.								
Course Content	Introduction, course description, basic concepts related to disaster, disaster types, fires, earthquakes, floods and other disasters, emergency management, disaster stages, during disaster and actions to be taken immediately after, medical emergencies, civil defense, triage and patient transport as a extraction and recovery.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study, Problem Solving								
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	1. Ünalın D, Şenol V, Öztürk A, Erkorkmaz Ü. Meslek yüksekokullarının sağlık ve sosyal programlarında öğrenim gören öğrencilerin sağlıklı yaşam biçimi davranışları ve öz bakım gücü düzeyleri arasındaki ilişkinin incelenmesi. İnönü Üniversitesi Tıp Fakültesi Dergisi. 2007; 14(2): 101-109
2	2. Özbaşaran F, Çakmakçı Çetinkaya A, Güngör N. Celal Bayar Üniversitesi Sağlık Yüksekokulu öğrencilerinin sağlık davranışları. Atatürk Üniversitesi Hemşirelik Yüksekokulu Dergisi 2004;7(3):43-55.
3	3. Nahcivan N . Sağlıklı gençlerde özbakım gücü ve aile ortamının etkisi. 1993;İstanbul Ünivertesi Sağlık Bilimleri Enstitüsü Doktora Tezi, İstanbul.
4	4. Erik Blas, Johannes Sommerfeld and Anand Sivasankara Kurup. World Health Organization 2011.
5	5. Pender NJ (1987). Health Promotion in Nursing Practice Second Ed., Norwork, Californiya
6	6. Pender, N.J., Murdaugh, C.L. and Parsons, M.A.:Health promotion in nursing practice, Fourth Edition,New Jersey, 13-209, 2002.

Weekly Detailed Course Contents

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction, The Course Description
2	Theoretical	Basic concepts of disaster
3	Theoretical	Disaster types
4	Theoretical	Fire, earthquake, flood and other disasters
5	Theoretical	Fire, earthquake, flood and other disasters
6	Theoretical	Emergency management
7	Theoretical	Emergency management
8	Theoretical	Disaster stages
9	Theoretical	During and immediately after the disaster relief work
10	Theoretical	Medical emergencies
12	Theoretical	Civil Defense
13	Theoretical	Triage-patient transport-Removal and recovery
14	Theoretical	Triage-patient transport-Removal and recovery
15	Theoretical	Triage-patient transport-Removal and recovery

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	7	1	8



Final Examination	1	14	1	15
			Total Workload (Hours)	51
			[Total Workload (Hours) / 25*] = ECTS	2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Basic concepts of disaster-related learning
2	Disaster variations of learning
3	Disasters, recovery principles of learning
4	. Damage assessment phases of learning
5	In post-disaster rehabilitation learning

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, sitogenetik etc.); the ability to use theoretical and practical knowledge in these fields.
2	To be able to have the basic theoretical and practical knowledge and 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 books 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 therapeutic laboratories of health agencies and evaluate the data.
5	To be able to use the medical laboratory tools and equipments according to rules and techniques, 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, understanding the basic level of the relationship.
16	To be able to grasp principles of Atatürk and their evolutions, to ensure national, 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
P13	4	4	4	4	4
P15	5	5	5	5	5

