



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

Course Title	First Aid								
Course Code	İAY301			Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The application of first aid in situations such as injury and illness that require emergency care, and sick/injured gaining qualifications related to the transport.								
Course Content	Basic concepts related to first aid, patient / injured assessment, triage, basic life support, first aid in bleeding and shock, first aid injuries, fractures, first aid dislocations and sprains first aid for burns, first aid freeze, first aid in choking first aid in poisoning, first aid in bug bites, body cavities first aid in case of escape foreign bodies, patient / injured handling techniques.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Individual Study								
Name of Lecturer(s)	Ins. Nesrin OĞURLU, Ins. Nuray GİDER								

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Demir, G., Bingöl, N., Karagöz, S.: İlk Yardım Kaynak Kitabı, Ankara, 2007.
2	Süzen B., İnan H.: İlk Yardım, Birol Yayınevi, Geliştirilmiş 2. Baskı, İstanbul, 2004.
3	Olgun, N., Eti Aslan F., Yazıcı Kuşuoğlu, S.: Acil Bakım, Yüce Yayın, İstanbul, 1998.
4	Draft of First recommendations for an international Harmonisation of First Aid Techniques, IFRC, planned for printing in 2003.
5	J. Hudspith, S. Rayatt, First Aid and Treatment Of Minor Burns, BMJ, 2004.
6	Süzen B.L., Temel İlk Yardım, Nobel Tıp Kitabevleri, İstanbul, 2014.

Week Weekly Detailed Course Contents

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic Concepts Of First Aid
2	Theoretical	Sick / Injured Assessment
3	Theoretical	Triage
4	Theoretical	Basic Life Support
5	Theoretical	Bleeding and Shock Aid
6	Theoretical	Injuries First Aid
7	Theoretical	Fractures, Dislocations And Sprains First Aid
8	Theoretical	First Aid For Burns
9	Theoretical	Freezing First Aid
10	Theoretical	First Aid In Drownings
11	Theoretical	First Aid In Case Of Poisoning
12	Theoretical	Insect Stings First Aid
13	Theoretical	First Aid In Case Of Swallowing Of Foreign Bodies Into Body Cavities
14	Theoretical	Sick /Injured Handling Techniques

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	2	0	14	28
Assignment	1	0	8	8
Laboratory	1	0	14	14
Midterm Examination	1	0	10	10



Final Examination	1	0	15	15
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = ECTS	3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Learning the basic concepts of first aid
2	Sick / injured to evaluate.
3	To be able to triage
4	To apply basic life support.
5	To apply first aid for bleeding and injuries
6	Fractures, dislocations and sprains first aid to apply
7	To apply first aid in other emergency situations
8	Sick /injured to be able to move the carriage.

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	L6	L7	L8
P3	5	5	5	5	5	5	5	5
P13	4	4	4	4	4	4	4	4
P15	4	4	4	4	4	4	4	4

