



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

Course Title	Home Accidents and Prevention Ways								
Course Code	İAY802			Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	By learning the methods of prevention of home accidents and accidents at home, be informed about what to do in the event of an accident.								
Course Content	Home accidents and prevention methods in emergency situations, ask for help and first aid, common according to age periods accidents, falls and prevention of injuries, first aid in falls and injuries, fractures, prevention of dislocations and sprains first aid for burns, corrosive ingestion, to escape foreign bodies from the airway in case of first aid, first aid if aspirated foreign bodies into body cavities, food and drug poisoning prevention, first aid food and drug poisoning.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study, Individual Study								
Name of Lecturer(s)	Ins. Hayriye ÇAKMAK								

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 Kuşoğlu, 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.

Week	Weekly Detailed Course Contents	
1	Theoretical	Home accidents and methods of prevention
2	Theoretical	Asking for help in emergency situations and first aid
3	Theoretical	Common accidents according to the age periods
4	Theoretical	Fall and injury prevention
5	Theoretical	First aid for Falls and injuries
6	Theoretical	Fractures, Dislocations And Sprains Prevention
7	Theoretical	Fractures, dislocations and sprains first aid
8	Theoretical	Protection From Burns
9	Theoretical	First Aid For Burns
10	Theoretical	Corrosive substance ingestion
11	Theoretical	First Aid In Case Of Swallowing Of Foreign Bodies In The Respiratory Tract
12	Theoretical	First Aid In Case Of Swallowing Of Foreign Bodies Into Body Cavities
13	Theoretical	Prevention of food poisoning and drug
14	Theoretical	First aid in poisoning the food and drug

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	2	0	14	28
Assignment	1	0	6	6
Midterm Examination	1	0	6	6



Final Examination	1	0	10	10
			Total Workload (Hours)	50
			[Total Workload (Hours) / 25*] = ECTS	2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Learning The Methods Of Prevention Of Home Accidents
2	Fall And Injury Prevention And First Aid Learning
3	Learning first aid in the prevention and treatment of burns, burns
4	Swallowing of foreign bodies into the respiratory tract and body cavities in the case of Learning what needs to be done
5	Protection from poisoning and first aid 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
P4	4	4	4	4	4
P13	5	5	5	5	5
P15	5	5	5	5	5

