



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

Course Title	Health Protection and Improvement								
Course Code	FZ001	Course Level			Short Cycle (Associate's Degree)				
ECTS Credit	3	Workload	76 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The aim of this course develop awareness of wellness and health protection and responsibility in the development of the necessary knowledge, skills and qualifications to teach.								
Course Content	Health and disease concepts, protection needs to be done to improve the health and preventive health services.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), 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	Prof. Dr. Çağatay Güler, Prof. Dr. Levent Akın: "Public Health Basics" Hacettepe University Press in 2006.
2	Prof. Dr. Gülden Pekcan "Assessment of Nutritional Status" Printing Klasmat 2008.
3	Sevgin SAMANCIOGLU , Ayfer KARADAKOVAN "Protection and Development of the elderly health," Fırat Health Services Journal, Volume 5, Issue 13 (2010).

Week	Weekly Detailed Course Contents	
1	Theoretical	Health and Disease
2	Theoretical	Health Protection and Promotion
3	Theoretical	Personal Hygiene Practices
4	Theoretical	Personal Hygiene Practices
5	Theoretical	Adequate and Balanced Nutrition
6	Theoretical	Housing Hygiene
7	Theoretical	Housing Hygiene
8	Intermediate Exam	MIDTERM EXAM
9	Theoretical	Environmental Sanitation
10	Theoretical	Environmental Sanitation
11	Theoretical	Removal of waste
12	Theoretical	Stress and Coping
13	Theoretical	Common Diseases In The Community
14	Theoretical	Age and Risk Factors
15	Theoretical	Preventive Health Services

#### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Assignment	3	6	1	21
Midterm Examination	1	5	1	6
Final Examination	1	5	2	7
Total Workload (Hours)				76
[Total Workload (Hours) / 25*] = ECTS				3

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	Health protection and to differentiate the necessary conditions for development
2	Protecting and improving health practices and techniques to discern.
3	Protecting and improving the health of individual behaviors to exhibit.
4	To learn individual hygiene practices
5	learn environmental sanitation and how to remove waste

**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 volution, 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
P2	2	2	2
P3	3	3	3
P4	1	1	1
P13	3	3	3
P15	4	4	4

