



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

Course Title	Prevention From Infectious Diseases								
Course Code	TG801			Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	52 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Safety tips for students with information about infectious diseases and is a course ofin programs.								
Course Content	Chain of infection infection definition and parts, welding factors affecting transmission path and sensitive individuals Water, air and blood via transmitted diseases Disease-related intervention opportunities available Health promotion, primary, secondary, and tertiary protection In Turkey and in the world of infectious diseases dimensions International and national reporting mandatory diseases Infectious disease-related legislation topics								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Case Study, Individual Study								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Final Examination	1	60
Assignment	1	40

Recommended or Required Reading	
1	Tekeli, E., Çevik, M.A., Karakoç, E., "İnfeksiyon Hastalıkları El Kitabı- Handbook Of Infectious Diseases" (çeviri), Bilimsel Tıp Yayınevi, Ankara, 2003.

Week	Weekly Detailed Course Contents	
1	Theoretical	Health and disease concepts-Introduction to infectious diseases
2	Theoretical	Definition of infection and parts of the infection chain
3	Theoretical	infectious diseases and prevention
4	Theoretical	Epidemiology of infectious diseases
5	Theoretical	Diseases with blood and blood products
6	Theoretical	Protection from blood-borne diseases and monitoring of risky wounds
7	Theoretical	water and foodborne diseases
8	Intermediate Exam	midterm
9	Theoretical	protection from water and foodborne diseases and food safety
10	Theoretical	airborne diseases and ways of protection
11	Theoretical	principles of public health and public health
12	Theoretical	principles of public health and public health
13	Theoretical	Definition of surveillance and surveillance of infectious diseases
14	Theoretical	infectious disease notification system



Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Individual Work	4	1	1	8
Midterm Examination	1	7	1	8
Final Examination	1	7	1	8
Total Workload (Hours)				52
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Non-program electives. provides general information about infectious diseases.
2	Learn the concepts of infectious diseases and the ways of transmission of diseases.
3	Know and apply the measures to be taken against epidemics in case of disaster.
4	Knows the general characteristics of infectious agents and learns the treatment methods.
5	Knows the ways of transmission of diseases and learns to prevent possible epidemic diseases in case of emergency.

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
P3	2
P11	5
P13	2
P15	4
P16	2
P17	2

