



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

Course Title	Hygiene and Sanitation								
Course Code	TG303	Course Level			Short Cycle (Associate's Degree)				
ECTS Credit	3	Workload	76 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Hygiene and sanitation of the place and importance in our lives								
Course Content	What is health and wellness, hygiene is? Sanitation is? Hygiene of the place in our life and its importance, Personal Hygiene, Health professionals at work washing hands and wearing gloves importance, surface hygiene, sterilization, disinfection and hygiene, asepsis and antisepsis concepts, workplace hygiene, used in the workplace tools and equipment hygiene, food and environmental hygiene, attention when cleaning emerging diseases								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Case Study, Individual Study								
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	iş sağlığı ve güvenliği ve iş hijyeni-İSTANBUL ÜNİVERSİTESİ AÇIK VE UZAKTAN EĞİTİM FAKÜLTESİ yayınları
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Week	Weekly Detailed Course Contents	
1	Theoretical	What is health and wellness
2	Theoretical	Hygiene and variations
3	Theoretical	The place and importance of hygiene in our life
4	Theoretical	Sanitation
5	Theoretical	Personal Hygiene
6	Theoretical	Sterilization, disinfection and cleaning
7	Theoretical	Asepsis and antisepsis
8	Theoretical	midterm
9	Theoretical	Workplace hygiene
10	Theoretical	The hygiene of the equipments used in the workplace
11	Theoretical	Food and environmental hygiene
12	Theoretical	The importance of hand washing among health care professionals
13	Theoretical	The importance of health care workers wear gloves
14	Theoretical	Attention when cleaning emerging diseases

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	2	6	0	12
Individual Work	14	0	2	28
Midterm Examination	1	2	2	4
Final Examination	1	2	2	4
Total Workload (Hours)				76
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	It is aimed to gain the most basic information about the general hygiene of the personnel working in various fields of health sector.
2	Knows the importance of hygiene and sanitation
3	Knows what to consider to maintain and maintain personal hygiene.
4	Knows the stages of cleaning application.
5	Apply disinfection methods

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
P3	2
P11	3
P13	3
P15	5
P16	2
P17	2

