



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Ethics of Medical Laboratory							
Course Code		TL203		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Laboratory, which is essential to working order, to teach the importance of professional ethics and principles and to adopt.							
Course Content		Ethics, deontology, virtue, bioethics concepts, ethical principles, patient rights, ethics committees and the importance of science, ethics, definition of business ethics, professional behavior patterns in the laboratory junior / parent relationships, work ethics in the laboratory layout, material handling, storage and use to create test ethical attitude, ethical codes, patients admitted to the laboratory in communications, laboratory test results of laboratory technician responsible for the security and privacy.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

### Recommended or Required Reading

1	Çobanoğlu N, Kuramsal ve Uygulamalı Tıp Etiği, Eflatun yayınevi, Ankara, 2009.
2	Üstün Ç., Tıp Etiği Kavramlarına Giriş, E.Ü.T.F Yayınları, İzmir, 2002.

Week	Weekly Detailed Course Contents	
1	Theoretical	Ethics, deontology and virtue concepts
2	Theoretical	Ethics, bioethics concepts, definition of business ethics
3	Theoretical	Patient rights, ethics committees and the importance
4	Theoretical	Employee's professional behavior patterns in the laboratory
5	Theoretical	How the relationship should be between director and technicians
6	Theoretical	Ethics order of the laboratory work
7	Intermediate Exam	Midterm exam
8	Theoretical	Ethical attitudes in laboratory processing and preservation
9	Theoretical	Ethical attitudes in laboratory processing and preservation
10	Theoretical	Communication with patients admitted to the laboratory with in the framework of the ethical rules
11	Theoretical	laboratory technician responsible for the security and privacy laboratory results.
12	Theoretical	laboratory technician responsible for the security and privacy laboratory results
13	Theoretical	laboratory technician responsible for the security and privacy laboratory results
14	Theoretical	Student presentation
15	Theoretical	General repeat

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	14	0	1	14
Midterm Examination	1	3	1	4
Final Examination	1	3	1	4
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	1. He/ she learns and implements the privacy of the laboratory results...
2	2. He /she learns the rules of ethics in Laboratory operations
3	3. He/ she learns to patients rights
4	4. He/she learns the importance of ethics and professional practice.
5	5. He/she learns concepts related to ethics

**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
19	To have the appropriate knowledge of medical sciences at the level of interest, to use specific medical terms and terminology of field

**Contribution of Learning Outcomes to Programme Outcomes** 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	5	5	5	5	5
P2	5	5	5	5	5
P9	5	5	5	5	5
P14	5	5	5	5	5

