



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Human Parasites							
Course Code		TL004		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	77 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To have knowledge about the parasitic organisms that cause disease in humans.							
Course Content		The classification of Protozoa, Trematoda, Cestoda and Nematoda group of parasites that cause disease, their biology, diseases, diagnosis, treatment, protection methods and epidemiology.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)		Ins. Hakan KANLIOĞLU							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	General Parasitology (Thomas C. Cheng, 1986)
2	Tıbbi parazit hastalıkları (M. Ali Özcel)

Week	Weekly Detailed Course Contents	
1	Theoretical	The important terms in Parasitology, Biology, transmission ways, disease, diagnosis, treatment, prevention methods and epidemiology of Entamoeba histolytica
2	Theoretical	Biology, transmission ways, disease, diagnosis, treatment, prevention methods and epidemiology of Giardia lamblia
3	Theoretical	Biology, transmission ways, disease, diagnosis, treatment, prevention methods and epidemiology of Toxoplasma gondii
4	Theoretical	Biology, transmission ways, disease, diagnosis, treatment, prevention methods and epidemiology of Trichomonas vaginalis
5	Theoretical	Biology, transmission ways, disease, diagnosis, treatment, prevention methods and epidemiology of Trichomonas tenax
6	Theoretical	Biology, transmission ways, diseases, diagnosis, treatment, prevention methods and epidemiology of Leishmania tropica and Leishmania donovani
7	Theoretical	Biology, transmission ways, diseases, diagnosis, treatment, prevention methods and epidemiology of Plasmodium spp.
8	Intermediate Exam	Midterm
9	Theoretical	Biology, transmission ways, diseases, diagnosis, treatment, prevention methods and epidemiology of Trypanosoma brucei and Trypanosoma cruzi
10	Theoretical	Biology, transmission ways, diseases, diagnosis, treatment, prevention methods and epidemiology of Fasciola hepatica and Dicrocoelium dendriticum
11	Theoretical	Biology, transmission ways, disease, diagnosis, treatment, prevention methods and epidemiology of Echinococcus granulosus
12	Theoretical	Biology, transmission ways, diseases, diagnosis, treatment, prevention methods and epidemiology of Taenia saginata and Taenia solium
13	Theoretical	Biology, transmission ways, disease, diagnosis, treatment, prevention methods and epidemiology of Ascaris lumbricoides
14	Theoretical	Biology, transmission ways, disease, diagnosis, treatment, prevention methods and epidemiology of Enterobius vermicularis
15	Theoretical	The status and future of parasitic diseases in Turkey and in the world

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Individual Work	12	2	0.25	27
Midterm Examination	1	2	2	4



Final Examination	1	2	2	4
Total Workload (Hours)				77
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To understand the term of parasite and its importance.
2	To learn the life cycle of human parasites.
3	To learn parasitic diseases.
4	To learn the transmission routes of parasites
5	To learn how to avoid parasites.

Programme Outcomes (Anesthesia)

1	To be able to recall basic knowledge about human anatomy
2	To be able to recall the knowledge about Atatürk's principles and the history of Turkish Revolution
3	To be able to recall the knowledge about ethical and moral values
4	To be able to recall the knowledge of Turkish grammar and be able to use it
5	To be able to communicate effectively with patient, their family, and own team
6	To be able to control, use, and maintain the anesthesia machines
7	To be able to recall the information about anesthesia application in the system diseases
8	To be able to recall the issues that needed to be considered in follow-up of patients in intensive care.
9	To be able to make the patients' care in intensive care
10	To be able to apply the cardiopulmonary resuscitation.
11	To be able to apply the drug, liquid and blood to the patient.
12	To be able to apply nasogastric tube to the patient and to aspirate.
13	To be able to assist the implementation of general anesthesia to patient.
14	To be able to recall the drugs used in general and regional anesthesia and learn to use them safely.
15	PO15. Can help during the maintenance, ending and post anaesthesia process.
16	Can help the practices of anesthesia and sedation outside the operation room.
17	Can communicate at the basic level of a foreign language and use this language in his job.
18	Be able to communicate at a basic level in a foreign language and be able to use this language in professional fields
19	To have the appropriate knowledge of basic 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
P7	3	3	3	3	3

