AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Human Parasites								
Course Code	TL004		Couse 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 Leishnamia 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 Trypanasoma brucei and Trypanasoma 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 gronulosus
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 *(First and Emergency Aid)*	
1	To be able to be aware of their professional authorities and responsibilities.
2	To be able to use the principles of individual and organizational communication skills.
3	To be able to define the emergency medical services and the pre-hospital emergency medical system devices used in Turkey and the world .
4	To be able to perform physical assessment of the patient and primary and secondary inspection.
5	To be able to apply the methods of handling and transportation of the patient
6	To be able to recognize the rules of the general approach to trauma patients and to be able to be capable of handling and maintenance of trauma equipment.
7	To be able to recognize emergency vehicles' mechanical and technical equipment and to be able to drive emergency vehicles.
8	To be able to identify the principles of pre-hospital emergency care in cases of environmental emergencies.
9	To be able to identify the principles of pre-hospital emergency care in medical emergencies.
10	To be able to analyze the ECG rhythm and apply the principles of pre-hospital emergency care for rhythm Disorders.
11	To be able to recognize and apply the pre-hospital emergency care drugs and fluids.
12	To be able to identify basic life support applications, Advanced Life Support applications and Advanced air way applications.
13	To be able to recognize the principles of pre-hospital emergency during disasters.
14	To be able to protect and maintain the highest level of physical and mental health.
15	To be able to recognize human anatomy and physiology.
16	To be able to develop good communication and human relations skills with colluques and patients.
17	To be able to apply Infection Control Methods and check infectional situations of emergency vehicles and equipment, ensure the conditions of asepsis-antisepsis and pre-hospital emergency care with Infectious Diseases.
18	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
P17	3	3	3	3	3