



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Parasitic Diseases							
Course Code		AN004		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To inform about parasites, parasitism and parasitosis frequently seen in the world and our country.							
Course Content		What is parasite and parasitism. Relation of host and parasites. Common parasitosis. Protection from parasitic diseases. Sampling and examination of the parasitic infections.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)		Lec. Sevil ÖZCAN							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Yazar, S., Kuk, S., Miman Ö. ve Saygı, G. (2016). Temel tıbbi parazitoloji, Erciyes Üniv. Basımevi, Kayseri.
2	Özcel, M. A. (2007) Tıbbi parazit hastalıkları, Ege Üniv. Basımevi, İzmir.
3	Parazitolojide laboratuvar; M. Korkmaz, Ü. Z. Ok, 2011 – İzmir.

Week	Weekly Detailed Course Contents	
1	Theoretical	Parasite and parasitic conditions.
2	Theoretical	Parasite host relationship.
3	Theoretical	The parasitic organisms.
4	Theoretical	Entamoebiasis, Acanthamoebiasis, Naegleria fowleri.
5	Theoretical	Leishmaniasis, Giardiasis, Trichomoniasis.
6	Theoretical	Toxoplasmosis, Cryptosporidiasis
7	Theoretical	Malaria (Plasmodium vivax)
8	Intermediate Exam	Midterm Exam
9	Theoretical	Ascariasis, Enterobiosis, Filariasis (Wuchereria bancrofti).
10	Theoretical	Fasciola hepatica (liver fluke), Schistosomiasis.
11	Theoretical	Sistisercosis (Taenia saginata), Hydatid cyst (Echinococcus granulosus), Hymenolepis nana.
12	Theoretical	Infestations and causative organisms.
13	Theoretical	Sampling and examination of material for parasitic infections.
14	Theoretical	Protection from parasitic diseases.
15	Theoretical	General evaluation.

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Project	1	5	2	7
Individual Work	10	0	2	20
Midterm Examination	1	2	1	3
Final Examination	1	2	1	3
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Know the definition of parasites and parasitism, and also know the parasite host relationships.
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2	Know common parasitosis and causal organisms.
3	Know how to protect from parasitic diseases.
4	Know how to take samples and examine them like stool, cellophane tapes and so on.
5	Can make simple classification of 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 colleagues and patients.
17	To be able to apply Infection Control Methods and check infectious 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
P1	2	2	2	2	2
P2	2	2	2	2	2
P3	2	2	2	2	2
P4	2	2	2	2	2
P5	1	1	1	1	1
P6	1	1	1	1	1
P7	1	1	1	1	1
P8	1	1	1	1	1
P9	1	1	1	1	1
P10	1	1	1	1	1
P11	1	1	1	1	1
P12	1	1	1	1	1
P13	1	1	1	1	1
P14	4	4	4	4	4
P15	4	4	4	4	4
P16	3	3	3	3	3
P17	5	5	5	5	5

