



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 (Medical Imaging Techniques)

1	To be able to get information the working principles of Radiology, Nuclear Medicine and Radiotherapy devices, and distinguish their components, use these devices in accordance with operating instructions.
2	To be able to perform the procedures in accordance with the examination of Radiology and Nuclear Medicine imaging .
3	To be able to apply the radiotherapy treatment, planned by radiation physicist with instruction of radiotherapist.
4	To be able to develop and perform the film printing of the images that obtained by imaging techniques of Radiology, Nuclear Medicine
5	To be able to evaluate the images that obtained by imaging techniques of Radiology, Nuclear Medicine in terms of radiographic quality and takes the necessary measures.
6	To be able to know the medical and radiologic terminology, and pronounce and use them correctly
7	To be able to take the necessary measures in accordance with the rules of Radiation safety and protection from radiation, and apply them.
8	To be able to distinguish the anatomical structures on images, obtained by the conventional and cross-sectional imaging techniques of Radiology, Nuclear medicine.
9	To be able to communicate well with patient, their family and the hospital staff.
10	To be able to move with own professional duties, powers and responsibilities of the consciousness and apply the rules of professional ethics.
11	To be able to adapt to a multi-disciplinary team work.
12	To be able to have a basic knowledge of human physiology.
13	To be able to distinguish anatomical structures.
14	To be able to establish a cause-and-effect relationship between events.
15	To be able to have the ability of analytical thinking and problem solving.
16	To be able to apply the basic principles of first aid.
17	It has basic knowledge about human anatomy
18	Understanding the basic concepts and principles of physics while providing, in the medical field and in particular medical imaging students better understand the issues involving technical vocational courses
19	OHS 'basic concepts; work accidents, occupational diseases, occupational physicians, occupational safety specialist, İSGB, OSGB, hazard classes, risk assessment, OHS employee representatives is
20	Have basic knowledge about basic medical practices and makes applications

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	1	1	1	1	1
P2	1	1	1	1	1
P3	1	1	1	1	1
P4	1	1	1	1	1
P5	1	1	1	1	1
P6	4	4	4	4	4
P7	1	1	1	1	1
P8	1	1	1	1	1
P9	3	3	3	3	3
P10	3	3	3	3	3
P11	5	5	5	5	5
P12	5	5	5	5	5
P13	5	5	5	5	5
P14	5	5	5	5	5
P15	5	5	5	5	5
P16	4	4	4	4	4
P17	5	5	5	5	5
P18	3	3	3	3	3
P19	4	4	4	4	4
P20	5	5	5	5	5

