



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Infectious Diseases								
Course Code	AMH255		Course Level		Short Cycle (Associate's Degree)				
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Knowledge in the care of infectious diseases, Identify the features of communicable diseases and epidemiological factors, Of infectious diseases the clinical features, diagnostic methods and prognosis to gain knowledge about The treatment of infectious diseases and understanding of the aspects that need attention. Infectious disease-specific knowledge, Monitoring and evaluation of the patient for protection from complications, making "Communicable diseases" that will be made in these cases about the legal processes of learning and knowledge, skills,gaining Perspectives for the protection and control of infectious diseases researcher, trainer and gain.								
Course Content	Epidemiology of infectious diseases and general epidemiological principles in infectious diseases, Causes of infectious diseases, Microorganisms and virulence factors, Host defense mechanisms, Methods of combating infectious diseases, Hospital infections and protection from hospital infections, Healthcare personnel and hand washing, Upper respiratory tract infections, Pneumonias, Acute diarrheas , Urinary system infections, Group A beta-hemolytic streptococcus (GABHS) infections, Lung and extrapulmonary organ tuberculosis, Viral hepatitis, Sexually transmitted diseases, Acquired immunodeficiency syndrome (AIDS) and prevention, Infectious complications of blood and blood product transfusion, Blood transmitted infections and healthcare personnel								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)	Ins. Gökçe Sibel TURAN								

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Görak G, Savaşer, S; Epidemiyolojiye Giriş ve Enfeksiyon Hastalıkları, Anadolu Üniv. Yayınevi Eskişehir, Aralık, 1999
2	Küçükaltun, M; Bulaşıcı hastalıklar ve Epidemiyoloji, Somgür yayıncılık, Ankara 1999
3	Haznedaroğlu T., Özgüven V., Enfeksiyonlar, GATA Basımevi, 2001

Week	Weekly Detailed Course Contents	
1	Theoretical	Course description: introduction, objectives and learning objectives
2	Theoretical	General characteristics of infectious agents and formation of infection
3	Theoretical	Infection control and prevention measures
4	Theoretical	immunization for the prevention of infectious diseases
5	Theoretical	Transmitted Through The Respiratory Tract Infectious Diseases And Care
6	Theoretical	Transmitted Through The Respiratory Tract Infectious Diseases And Care
7	Theoretical	Infectious diseases transmitted through the digestive system and care
8	Theoretical	Infectious diseases transmitted through the digestive system and care
9	Intermediate Exam	Midterm Exam
10	Theoretical	Infectious diseases and care that is transmitted through blood
11	Theoretical	Infectious diseases and nursing care transmitted by the sexual Route
12	Theoretical	Infectious diseases transmitted by the sexual Route and care
13	Theoretical	Infectious diseases transmitted by the sexual Route and care
14	Theoretical	Infectious diseases transmitted through skin and mucous membranes and care
15	Theoretical	Current Infectious infectious diseases and care
16	Final Exam	Final Exam
17	Final Exam	Final Exam



Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	10	1	11
Final Examination	1	10	1	11
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Learn and identify the etiology of infectious diseases
2	Learn the ways of prevention of infectious diseases
3	Know the duties and responsibilities of infectious diseases
4	Defines the types of immunization and immunization
5	Follow current developments related to new infectious diseases

Programme Outcomes (Medical Imaging Techniques)

1	THE ANATOMICAL STRUCTURE
2	HUMAN PHYSIOLOGY
3	APPLY FIRST AID FOR PATIENTS OR INJURIES
4	MAKING RADIOGRAPHY AND FILM BATHROOM, PRINTING PROCESSES
5	MAKING FLOROSCOPIC IMAGING
6	MAKING THE MAMOGRAPHY TEST
7	DOING ANGIOGRAPHY
8	MAKING MAGNETIC RESONANCE IMAGING (MRI)
9	MAKING COMPUTERIZED TOMOGRAPHY (CT) ANALYSIS
10	DOING THE BONE MINERAL DANCEITOMETER (DEXA)
11	ULTRASONOGRAPHY (USG)
12	GAMA CAMERA IMAGING
13	RADIOTHERAPY SIMULATION AND APPLICATION
14	RADIATION SAFETY AND RADIATION PROTECTION
15	MAKING BUSINESS ORGANIZATION AND PROVIDING PROFESSIONAL DEVELOPMENT
16	KEEPING RADIOLOGICAL ANATOMY
17	KEEPING MEDICAL TERMS
18	To be able to use modern Turkish language knowledge and language skills.
19	To have knowledge about Atatürk's Principles and Revolution History
20	To communicate at a basic level in a foreign language
21	Knows cancer and its types. Know what needs to be done to prevent cancer
22	To increase student's awareness of gender equality
23	To have information about clinical biochemistry
24	Knows the structure of proteins, carbohydrates and fats
25	To know family planning methods
26	To obey occupational ethic principals
27	To know occupational ethics
28	Understand the importance of teamwork
29	The organizational chart of the institution will be able to understand.
30	Will understand the importance of record keeping.
31	To know the ethical dilemmas in health
32	TTo gain educational and exploratory knowledge about control and protection against infectious diseases
33	To evaluate the general condition of the patient or the injured to take the initiative
34	To know the indications and contraindications of contrast agents
35	To be able to use and maintain the right communication skills with patients and relatives
36	To be able to communicate with colleagues, patient and patient relatives at therapeutic level
37	To evaluate the behavior of patients and their relatives



39	To have general information about health system
40	To learn the rights and obligations of health workers
41	Ability to gain theoretical knowledge about disaster recovery
42	To gain practical knowledge about disaster recovery and to be able to use them in accordance with ethical principles
43	To be able to explain the concepts related to substance abuse
44	Identify the needs of individuals with substance addiction
45	Working organization
46	Prepare promotional material with ready template
47	To be able to prepare personal web site
48	Knows pharmacological agents. know how to apply the drugs according to the indications and contraindications
49	To have knowledge about the effects of radiation on environment and human health.
50	Knows the concepts of quality standards, quality, standardization, standards and accreditation in health.
51	To know the rules of ergonomics
52	To learn the rules of behavior in social and business life
53	Ensuring the development of social sensitivity levels
54	To use their personal knowledge, skills and experiences for the benefit of the society as a team
55	Will be able to apply the basic tasks to use the operating system
56	Demonstrate behavior by understanding the information given about health.
57	Know the learning and teaching methods
58	Will have the ability to prepare educational material and conduct effective training.

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

	L1	L2	L3	L4	L5
P32	5	5	5	5	5

