



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Radiological Terminology							
Course Code		TGT151		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	5	Workload	124 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The AİM of this course is to help students to ascertain the necessary knowledge, skills and qualifications to discern, pronounce, write and use the medical terms in Radiology and medical terminology with regard to the Locomotor, Respiration, Gastrointestinal, Santral Nervous, Circulatory, Urogenital and other organ systems.							
Course Content		Medical terms with regard to the Locomotor system, Nervous system and Psychiatric Diseases, Medical terms with regard to the Respiratory and Digestive Systems, Medical terms with regard to the Cardiovascular System, Blood and Blood Producing Organs, Medical terms with regard to the Urinary, Genital and Endocrine Systems, Medical terms with regard to the Eye, Ear-Nose-Troat and Skin Medical terms with regard to the Radiography, Ultrasound, Mammography, Fluoroscopy, Contrast Substances, Angiography, Computerized tomography Magnetic Resonance Imaging Nuclear Medicine and Radiotherapy							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)		Lec. Nazan ÖZTÜRK							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	1. Sağlık dili(L. Bikem SÜZEN). BEDRAY YAYINCILIK, 2008, İstanbul
2	2. Temel radyoloji tekniği(Tamer KAYA,). Nobel Top Kitabevleri, İstanbul, 1997

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction To Medical Terminology
2	Theoretical	The Elements Of Medical Terminology: Roots, Front Inserts, Suffixes
3	Theoretical	Nov and terms related to the skeletal system
4	Theoretical	Terms of the respiratory system
5	Theoretical	Digestive system-related terms
6	Theoretical	Terms related to the heart and circulatory system
7	Theoretical	Blood and lymphatic system terms
8	Intermediate Exam	Midterm exam
9	Theoretical & Practice	Terms of the endocrine system
10	Theoretical	Excretory system-related terms
11	Theoretical	Terms of the urinary system
12	Theoretical	Neurology and Psychiatry-related terms
13	Theoretical	Terms of sensory organs
14	Theoretical	Public health terms
15	Final Exam	final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Assignment	6	10	0	60
Midterm Examination	1	10	1	11



Final Examination	1	10	1	11
Total Workload (Hours)				124
[Total Workload (Hours) / 25*] = ECTS				5
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To discriminate medical terms with regard to the Human Anatomy
2	To discriminate medical terms with regard to the Locomotor, nervous, respiratory, Digestive and Cardiovascular systems, Blood and Blood producing organs and Psychiatric Diseases
3	To discriminate medical terms with regard to the Urinary, Genital and Endocrine Systems and the Eye, Ear-Nose-Throat and Skin
4	To discriminate medical terms with regard to the Medical Imaging techniques
5	To have information about the terms related to nuclear medicine

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
P4	5			
P5	2			
P16	5	5	5	5
P17	5	5	5	5

