



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Radiologic Anatomy							
Course Code		TGT108		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The aim of this course is to provide students with anatomical structure on conventional and digital radiographs, anatomical structure on computerized tomography images, anatomical structure on magnetic resonance images, anatomical structure on contrast radiographs and anatomical constructions on conventional and digital radiographs.							
Course Content		Anatomical Constructions in Head and Face Radiography, Anatomical Constructions in Lung and Body Radiography, Anatomical Constructions in Upper and Lower Extremity Radiography, Anatomical Constructions on Mammography Views, Cross-sectional Anatomy of Head and Neck Computerized Tomographies, Body (Vertebra, Thorax, Abdomen, Pelvis) Computerized Tomography Cross-sectional Anatomy, Cross-sectional Anatomy of Upper and Lower Extremity Computed Tomographies, Cross-sectional Anatomy of Head and Neck Magnetic Resonance, Body (Vertebra, Thorax, Abdomen, Pelvis) Magnetic Resonance Cross-sectional Anatomy, Upper and Lower Extremity Magnetic Resonance Cross-sectional Anatomy, Anatomical Structures in Cerebral Ve Neck Angiography, Anatomical Constructions in Thorax and Abdominal Angiography, Anatomical Constructions in Upper and Lower Extremity Angiographies, Anatomical Constructions in the Digestive System, the Radius of the Hairs and the Urogenital System							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Project Based Study, Individual Study					
Name of Lecturer(s)		Lec. Göksel TUZCU							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Radiographic Positioning and Related. Hans Peter Nowak. ixray.ch.ltd. Switzerland.
2	Atlas of Imaging of Human Anatomy-2003. Jamia Weir, Peter H. Abrahams. Translated by Evren Üstüner. Mosby-Pelikan publishing
3	Sectional Anatomy-skin: I, II, III.2007. T.B.Moeller, E.Reif. Nobel Medical Bookstores
4	Functional Neuroanatomy-2005. Prof.Dr.Lokman Öztürk, Ph.D. View Hülya's Full Profile

Week	Weekly Detailed Course Contents	
1	Theoretical	Anatomical Constructions in Head and Face Radiography
2	Theoretical	Anatomical Constructions in Lung and Body Radiography
3	Theoretical	Anatomical Constructions in Upper and Lower Extremity Radiography
4	Theoretical	Anatomical Constructions on Mammography Views
5	Theoretical	Cross-sectional Anatomy of Head and Neck Computerized Tomographies
6	Theoretical	Body (Vertebra, Thorax, Abdomen, Pelvis) Computerized Tomography Cross-sectional Anatomy
7	Theoretical	Cross-sectional Anatomy of Upper and Lower Extremity Computed Tomographies
8	Intermediate Exam	Midterm
9	Theoretical	Cross-sectional Anatomy of Head and Neck Magnetic Resonance
10	Theoretical	Body (Vertebra, Thorax, Abdomen, Pelvis) Magnetic Resonance Cross-sectional Anatomy
11	Theoretical	Upper and Lower Extremity Magnetic Resonance Cross-sectional Anatomy
12	Theoretical	Anatomical Structures in Cerebral Ve Neck Angiography
13	Theoretical	Anatomical Constructions in Thorax and Abdominal Angiography
14	Theoretical	Anatomical Constructions in Upper and Lower Extremity Angiographies
15	Theoretical	Anatomical Constructions in the Digestive System, the Radius of the Hairs and the Urogenital System



16	Final Exam	Final exam
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Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	15	0	2	30
Midterm Examination	1	9	1	10
Final Examination	1	9	1	10
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes	
1	Discrimination of Anatomical Constructions on Conventional and Digital Radiographs
2	Discrimination of Anatomical Constructions on Computerized Tomography Images
3	Discrimination of Anatomical Constitution on Magnetic Resonance Images
4	Discriminating Anatomical Constraints on Contrasted Radiographs
5	To Discriminate Anatomical Constructions on Conventional and Digital Radiographs

Programme Outcomes (Operating Room Services)	
1	DIFFERENCE BETWEEN ANATOMIC STRUCTURES
2	DIFFERENCE BETWEEN HUMAN PHYSIOLOGY
3	FIRST AID AND FIRST HELP IN TIMES OF EMERGENCY
4	USING UNITY IN ORDER TO PROGRESS
5	ESTABLISH COMMUNICATION
6	BEING ETHICAL IN WORK
7	DIFFERENCES BETWEEN SURGERY SICKNESSES ACCORDING TO THE SYSTEM
8	USING UNITY IN ORDER TO PROGRESS
9	DIFFERENCES BETWEEN MEDICAL TERMINOLOGY
10	USING WELL ESTABLISHED QUALITIES
11	UPDATING THE SURGERY UTENSILS AND STAYING SKILLED
12	STERILLIZATION OF THE SURGICAL EQUIPMENT AND KEEPING THEM FUNCIONAL
13	KEEPING ALIVE AND LOOKING AFTER SURGERY UTENSILS
14	WORK ORGINIZATION AND PRODUCTIVE WORK
15	SURGERY ROOM SAFETY AND ESTABLISHING A SAFE STERILIZATION ROOM
16	MICROBIOLOGY ANALYSIS PRACTISE
17	STEPPING STONE FOR STERILLIZATION
18	LOOKING AT THE HUMAN BODY'S FUNCTION AND MATERIAL
19	IN A SURGICAL ENVIRONMENT KEEPING TRACK OF PHYSIOLOGY AND EFFECTIVLY USING THE SURGICAL UTENSILS
20	THE IMPORTANCE OF SUFFICIENT AND BALANCED NUTRITION
21	To be able to use modern Turkish language knowledge and language skills.
22	To have knowledge about Atatürk's Principles and Revolution History
23	To communicate at a basic level in a foreign language
24	Knows cancer and its types. Know what needs to be done to prevent cancer.
25	To increase student's awareness of gender equality
26	Knows radiological imaging methods
27	Have information about home accidents
28	To know the classification of medical wastes
29	Knows collection and disposal of medical waste
30	To know family planning methods
31	Know the ethical dilemmas
32	Knows basic concepts about sexuality and sexual health
33	To gain educational and exploratory knowledge about control and protection against infectious diseases
34	To be able to use and maintain the right communication skills with patients and relatives
35	To be able to communicate with colleagues, patient and patient relatives at therapeutic level



36	To evaluate the behavior of patients and their relatives
37	To be able to explain the concepts related to substance abuse
38	To be able to integrate the theoretical foundations and applications of their responsibility for disaster recovery
39	Ability to gain theoretical knowledge about disaster recovery
40	At the end of the course students can establish a connection between health policies and state systems
41	Will be able to analyze the health transformation program.
42	Knows the anesthetic drugs and anesthesia methods applied to the patient.
43	Knows pharmacological agents. know how to apply the drugs according to the indications and contraindications
44	DIFFERENTIAL RADIOLOGICAL ANATOMY
45	Knows the concepts of quality standards, quality, standardization, standards and accreditation in health.
46	To know the rules of ergonomics
47	Explain and use the practices related to improving the quality of life.
48	Increased social sensitivity levels
49	To gain the ability to use personal knowledge, skills and experiences for the benefit of the society as a team
50	Will be able to apply the basic tasks to use the operating system
51	Demonstrate behavior by understanding the information given about health.
52	Express the importance of rational drug use and points to be considered.

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

	L1	L2	L3	L4	L5
P44	5	5	5	5	5

