



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Radiological Anatom							
Course Code		TAN522		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		To teach cross-sectional information about the anatomical structures on the obtained conventional, digital, fluoroscopic and radiographic images.							
Course Content		Basic Concepts of Radiologic Anatomy Radiologic Anatomy of Movement System Radiological Cross-Sectional Anatomy Radiologic Anatomy of the Circulatory System Radiologic Anatomy of the Digestive System Radiologic Anatomy of the Respiratory System Radiologic Anatomy of the nervous system Radiologic Anatomy of Reproductive System Radiological anatomy of the urinary system Peripheral formations							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Individual Study					
Name of Lecturer(s)		Assoc. Prof. Nazlı Gülriz ÇERİ							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Netter' short radiological anatomy. Turkish pressure; Assoc. Dr.. Cagatay Barut. Edward C. Weber, Joel A. Wilensky, Stephen W. Carmichael. Palme publishing Ankara 1. print, 2012.
2	Gray's Anatomy for Faculty of Medicine Students, 1. baskı, Prof. Dr. Mehmet Yıldırım, Güneş Bookstore – Ankara, 2007
3	Gökmen F. G. Systematic Anatomy, İzmir Güven Bookstore, 2008.
4	Prometheus Anatomy Atlas, Neuroanatomy Volume:3. Turkish editor; Mehmet Yıldırım, Tania Marur. Erik Schulte Karl Wesker Markus Voll Michael Schünke Udo Schumacher . First Print, Ankara ISBN: 97897564207057.

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to Radiologic Anatomy
	Practice	Visual examination of preparations
	Preparation Work	Individual Work
2	Theoretical	Radiologic Anatomy of the cranial bones
	Practice	Visual examination of preparations
	Preparation Work	Individual Work
3	Theoretical	Radiologic Anatomy of the cranial bones
	Practice	Visual examination of preparations
	Preparation Work	Individual Work
4	Theoretical	Radiologic Anatomy of the cranial bones
	Practice	Visual examination of preparations
	Preparation Work	Individual Work
5	Theoretical	Radiologic Anatomy of vertebraes
	Practice	Visual examination of preparations
	Preparation Work	Individual Work
6	Theoretical	Radiologic Anatomy of vertebraes
	Practice	Visual examination of preparations
	Preparation Work	Individual Work
7	Theoretical	Radiologic Anatomy of vertebraes



7	Practice	Visual examination of preparations
	Preparation Work	Individual Work
8	Theoretical	Radiologic Anatomy of the shoulder
	Practice	Visual examination of preparations
	Preparation Work	Individual Work
9	Theoretical	Radiologic Anatomy of the trunk
	Practice	Visual examination of preparations
	Preparation Work	Individual Work
10	Theoretical	Radiologic Anatomy of the trunk
	Practice	Visual examination of preparations
	Preparation Work	Individual Work
11	Theoretical	Radiologic Anatomy of the Upper Extremity
	Practice	Visual examination of preparations
	Preparation Work	Individual Work
12	Theoretical	Radiologic Anatomy of the gluteal regio
	Practice	Visual examination of preparations
	Preparation Work	Individual Work
13	Theoretical	Radiologic Anatomy of the gluteal regio
	Practice	Visual examination of preparations
	Preparation Work	Individual Work
14	Theoretical	Radiologic Anatomy of the Lower Extremity
	Practice	Visual examination of preparations
	Preparation Work	Individual Work

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Lecture - Practice	14	0	0	0
Assignment	1	4	1	5
Midterm Examination	1	1	1	2
Final Examination	1	0	1	1
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To gain information about effects of radiation and radiation protection principles
2	Knows the concepts of general physics and chemistry
3	Develop the ability to distinguish between the results of different imaging of anatomical structures
4	Formation of cross-sectional anatomy is used discriminates against radiological images
5	defines anatomical structures with radiological images

Programme Outcomes (Anatomy (Medical) Master)

1	Be able to acquire enough knowledge and use of the infrastructure about Human anatomy and clinical anatomy, terminology
2	To use information on the science of anatomy study areas.
3	Anatomy is associated with other related disciplines to comprehend and to synthesize interdisciplinary interaction
4	Obtain the information about Systematic and topographical anatomy of the human-oriented structures, functions and their relationship with each other.
5	Create problems and solutions related fields to reveal the anatomy, experimental methods to gain the ability to solve the hypothesis.
6	Literature search ability, reading scientific papers, be able to evaluation and follow-up-to-date information
7	To be able to prepare the article in the science of anatomy
8	To be able to present papers in the field of science of anatomy
9	To gain enough discipline and experience related to anatomy and to be an expert.



10 To have professional ethics and responsibility

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	4	5	5	5	5
P2	4	5	5	5	5
P3	4	5	5	5	5
P4	4	5	5	3	5
P5	4	5	5	3	5
P6	4	5	5	4	5
P7	4	5	5	4	5
P8	4	5	5	4	5
P9	4	5	5	5	5
P10	4	5	5	5	5

