

RADIOLOGIC ANATOMY

1	Course Title:	RADIOLOGIC ANATOMY
2	Course Code:	TGTZ104
3	Type of Course:	Optional
4	Level of Course:	Short Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	none
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr. Gör. Dr. SEFA IŞIKLAR
15	Course Lecturers:	Öğr.Gör. Sefa Işıklar
16	Contact information of the Course Coordinator:	e-posta:sefaisiklar@uludag.edu.tr tlf: 02242940658 Uludağ Üniversitesi, Sağlık Hizmetleri Meslek Yüksekokulu, Bursa. e-mail: sefaisiklar@uludag.edu.tr Phone number: 0224-2940658 Uludag University Vocational School of Health Services / Bursa.
17	Website:	
18	Objective of the Course:	To gain the skills of recognizing the anatomic structures on conventional and digital radiographies, computer aided tomography images, magnetic resonance images, and contrasted radiographies
19	Contribution of the Course to Professional Development:	It is important to know that the images obtained with radiological devices are in the correct projection, correct dosage and correct contrast. Prevention of artifacts and distortions on radiological images caused by patient and technical factors has vital importance in diagnostic processes. It contributes to professional development by knowing the radiological anatomy in the images obtained in X-ray, Computed Tomography, Magnetic Resonance, Dental-Orthopantomography, Mammography, DEXA and Ultrasonography devices, understanding whether the images obtained are suitable for diagnostic evaluation and the difference of pathological structure from normal anatomy.
20	Learning Outcomes:	
	1	Recognize the anatomic structures on conventional and digital radiographies
	2	Recognize the anatomic structures on computer aided tomography images
	3	Recognize the anatomic structures on magnetic resonance images
	4	Recognize the anatomic structures on contrasted radiographies
	5	
	6	
	7	
	8	

		9		
		10		
21	Course Content:			
	Course Content:			
Week	Theoretical	Practice		
1	Anatomic structures in head and face radiographies			
2	Anatomic structures in lung and body radiographies			
3	Anatomic structures in upper and lower extremity radiographies			
4	Anatomic structures on mammography images			
5	Profile anatomy of head and neck computer aided tomography			
6	Profile anatomy of body (vertebra, thorax, abdomen, pelvis) computer aided tomography			
7	Profile anatomy of upper and lower extremity computer aided tomography			
8	Profile anatomy of head and neck magnetic resonance			
9	Profile anatomy of body (vertebra, thorax, abdomen, pelvis) magnetic resonance			
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical				
12	Anatomic structures in thorax and abdominal	14	2.00	28.00
Practicals/Labs		0	0.00	0.00
13	Anatomic structures in upper and lower extremity radiography	14	4.00	56.00
Self study and preparation				
Homeworks		0	4.00	0.00
Projects				
Biliary and urogenital system radiographies		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm Exams				
Materials:		Aiding resources:	4.00	4.00
Others		0	0.00	0.00
Final Exams		Assoc. Prof. Dr. Cüneyt ERDOĞAN	8.00	8.00
Total Work Load				100.00
22	Total work load/30 hr			3.20
ECTS Credit of the Course				3.00
		R		
Midterm Exam		1	40.00	
Quiz		0	0.00	
Home work-project		0	0.00	
Final Exam		1	60.00	
Total		2	100.00	
Contribution of Term (Year) Learning Activities to Success Grade		40.00		
Contribution of Final Exam to Success Grade		60.00		
Total		100.00		

Measurement and Evaluation Techniques Used in the Course	Evaluations, by evaluating the answers given to the verbal-written-visual questions asked by the students during the semester; At the end of the semester, traditional (test or written exams) and alternative assessment and evaluation (visual exams) methods will be used.
--	---

24	ECTS / WORK LOAD TABLE
-----------	-------------------------------

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
-----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	2	1	1	0	0	3	0	1	0	2	0	1	0	0	0	0
ÖK2	2	1	1	0	0	3	0	1	0	2	0	1	0	0	0	0
ÖK3	2	1	1	0	0	3	0	1	0	2	0	1	0	0	0	0
ÖK4	2	1	1	0	0	3	0	1	0	2	0	0	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications																
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution Level:	1 very low	2 low		3 Medium		4 High		5 Very High	
----------------------------	-------------------	--------------	--	-----------------	--	---------------	--	--------------------	--