

Course Syllabus of Radiographic Anatomy 2

Faculty: Medicine and Health Sciences

Department: Health science

Program: Bachelor in Radiologic Technology & Medical Imaging

I. General information about the course instructor :							
Name	Ibrahim Alboani	Office Hours(2 Hours Weekly)					
Location & phone number	UST- 774545997	Sat	Sun	Mon	Tue	Wed	Thu
Email	E.Aboani@ust.edu				2		

II. General information about the course:						
1.	Course Title :	Radiographic Anatomy 2				
2.	Course Code and Number :	BMI226				
3.	Credit Hours :	Credit Hours				Total
		Theoretical	Seminar/Tutorial	Practical	Training	
		2		1	3	
4.	Study Level and Semester:	2 nd year /2 nd semester				
5.	Pre-requisites :	BMI211				
6.	Co-requisites :	None				
7.	Program in which the course is offered:	Bachelor in Radiologic Technology & Medical Imaging				
8.	Teaching Language:	English				
9.	Instruction location:	University of Science and Technology, Sana'a ,Yemen				



عميد الكلية:
د. عبد الله المخلافي

المراجع :
د. صدام الزوفي
د. مجاهد نصار

رئيس القسم:
د. عبد الحبيب ردمان

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الموصف:
د. إبراهيم البعني

III. Course Description

Radiographic anatomy 2 course concerned with the detection of the normal anatomical structures of the abdomen, pelvis, CNS, and neck. It also allows students to recognize the anatomical structures related to different part positions and radiographic projections. Lectures, practical demonstration, group discussion and other teaching strategies will be used. The students will be evaluated through written exam, practical exam, and assignment. Radiographic 1 is prerequisite course.

IV. Course Aims: This course is aimed to:

1. Provides students basic knowledge related to terminology of radiographic densities and image analysis.
2. Enhance student knowledge to describe normal anatomy of abdomen, pelvis, CNS, and neck on the radiographic images.
3. Enable students to correlate appearance of anatomical structures with body position and radiographic projection.
4. Provide student skills required to distinguish technical mistake according to radiographic appearance of normal anatomical structures.
5. Learn student to assess image quality depending on the appearance of anatomical structures.

V. Course Intended Learning Outcomes (CILOs) :

- 1- Understand terms related to radiographic appearance of normal anatomical structures.
- 2- Explain the Radiographic densities of normal anatomy of abdomen, pelvis, CNS, and neck.
- 3- Describe the normal radiographic appearance of anatomical structures
- 4- Differentiate between the normal appearance and technical mistake that affected appearance of normal anatomical structure.
- 5- Analyze the image quality according to radiographic appearance of anatomical structures.
- 6- Demonstrate anatomical structures of the of abdomen, pelvis, CNS, and neck on radiographic image in relation to different technical aspects and radiographic exposure factors .
- 7- Work effectively in a group in a lab or during preparation of seminars and respects the role of staff and co-staff members regardless of degree or occupation..



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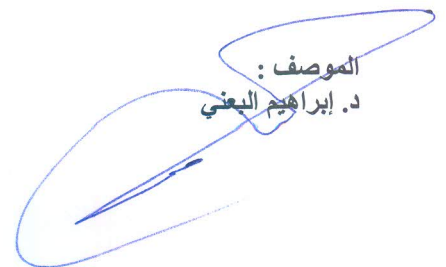
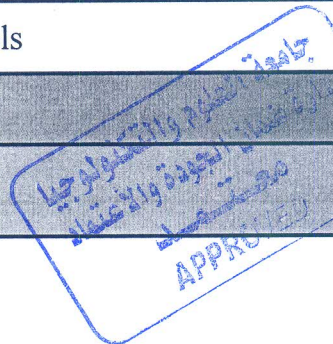
المراجع :
د. صدام الزوفي
د. مجاهد نصار

الموصف :
د. إبراهيم البعني

VI. Course content				
Topics/Units of Course Contents				
First: Theoretical Aspects				
No.	Course Topics/Units	Sub-topics	Week due	Contact Hours
1	Introduction radiographic anatomy	- Course orientation. - Terms related to radiographic anatomy.	1 st	2
2	Abdomen	- Elementary tract	2 nd , 3 rd	4
3	Abdomen	- Blood vessels of the abdomen	4 th	2
4	Abdomen	- Liver and biliary tract	5 th	2
5	Abdomen	- Kidneys	6 th	2
6	Mid-term exam		7 th	2
8	Pelvis	- Ureter ,UB, urethra and prostate.	8 th	2
9	Pelvis	- Male genitalia	9 th	2
10	Pelvis	- Female genitalia	10 th	2
11	CNS	- Brain and brain covering	11 th , 12 th	4
12	CNS	- Cerebellum , brain stem and spinal cord	13 th	2
13	CNS	- Blood vessels	14 th	2
14	Final exam		15 th	2
Total number of weeks and hours			15	30

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Second: Practical/Tutorial/Clinical Aspects			
No.	Practical/Tutorial/Clinical topics	Week Due	Contact Hours
1	Introduction to radiograph	1 st	2
2	Radiographic images of Elementary tract	2 nd , 3 rd	4
3	Radiographic images of Blood vessels of the abdomen	4 th	2
4	Radiographic images of Liver and biliary tract	5 th	2
5	Radiographic images of Kidneys	6 th , 7 th	4
6	Radiographic images of Ureter ,UB, urethra and prostate	8 th	2
7	Radiographic images of Male and female reproductive system	9 th	2
8	Radiographic images of CNS	10 th , 11 th	4
9	Radiographic images of CNS	12 th , 13 th	4
10	Final practical exam	14 th	2
Total number of weeks and hours		14	28

العلوم والتكنولوجيا
إدارة ضمان الجودة والاعتماد
معتد
APPROVED

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د. مجاهد نصار

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