



Jordan University of Science and Technology

Faculty of Applied Medical Sciences

Department of Allied Medical Sciences

Second semester 2013/2014

Course Syllabus

Course Information	
Course Title	Radiographic Cross-sectional Anatomy
Course Code	RA 358
Pre-requisites	RA 353
Credit hours	3 (theory)
Time	
Place	
Instructor	Mrs Badira Al Qudah
Office location	Applied Medical Sciences
Office Hour	
E_mail (s)	bmalmohammad@just.edu.jo
Course Description	
This course provides the student with knowledge of human anatomy in a cross-sectional image format. They will learn this through cross sectional images in axial, coronal and sagittal portrait. CT and MRI images will be presented. Some structure functions along with the anatomy will be explained.	

Textbook	
Title	Sectional Anatomy for Imaging Professionals
Publisher	Mosby
Author (s)	Lorrie L. Kelley , Connie Petersen
Edition	9-TH EDITION
Year	2007

Assessment		
Assessment	Expected Due Date	Percentage
First Exam	TBA	30%
Second Exam	TBA	30%
Final Exam	TBA	40%
Participation	Excellent participation is expected	

Course Objectives	Percentage
1. Introduction into different radiologic modalities for imaging	10%
2. Discuss and evaluate normal and pathological images with correlated anatomy of the brain.	20%
3. Discuss and evaluate normal and pathological images with correlated anatomy of the chest.	10%
4. Discuss and evaluate normal and pathological images with correlated anatomy of the abdomen.	20%
5. Discuss and evaluate normal and pathological images with correlated anatomy of the pelvis.	20%
6. Discuss and evaluate normal and pathological images with correlated anatomy of the upper extremity.	10%
7. Discuss and evaluate normal and pathological images with correlated anatomy of the lower extremity.	10%

Learning Outcomes: Upon successful completion of this course, students will be able to:	
1.	Learn normal anatomy of the human body
2.	Learn the anatomical position
3.	Identifying different structures on the CT and MRI images
4.	Know the correlation between different anatomical structures

Teaching & Learning Methods
Lectures, visual demonstrations, home works, and personal contact.

Course content				
Week	Date	Topics	Text book	Lecturer
1		CT introduction MRI introduction	Textbook and lecture supplements	Badira Al Qudah
2		Brain anatomy	Textbook and lecture supplements	Badira Al Qudah
3		Brain anatomy	Textbook and lecture supplements	Badira Al Qudah

4		Brain anatomy First exam	Textbook and lecture supplements	Badira Al Qudah
5		Neck anatomy	Textbook and lecture supplements	Badira Al Qudah
6		Chest anatomy	Textbook and lecture supplements	Badira Al Qudah
7		Chest anatomy	Textbook and lecture supplements	Badira Al Qudah
8		Abdomen anatomy	Textbook and lecture supplements	Badira Al Qudah
9		Second exam Abdomen anatomy	Textbook and lecture supplements	Badira Al Qudah
10		Pelvis anatomy	Textbook and lecture supplements	Badira Al Qudah
11		Pelvis anatomy	Textbook and lecture supplements	Badira Al Qudah
12		Upper extremity anatomy	Textbook and lecture supplements	Badira Al Qudah
13		Lower extremity anatomy	Textbook and lecture supplements	Badira Al Qudah
14		Revision		Badira Al Qudah
15		Final exam		

Additional Notes	
<u>Attendance policy:</u> ▪ Students are expected to attend all more than 90% of lectures. ▪ Each student is expected to sit in his numbered seat ▪ Empty seat will be counted as absent ▪ All absences will be entered electronically into the University site ▪ If absence is more than 10% student will be banned from the course after electronic notification from the university through student e-mail. <u>Expected workload:</u> Students are expected to take every effort to ensure satisfactory learning of the material given. <u>Feedback:</u> Concerns or complaints should be expressed in the first instance to the course instructor. If no resolution is forthcoming then the issue should be brought to the attention of the Department Chair and if still unresolved to the Dean. Questions about the material covered in the lecture, notes on the content of the course, its teaching and assessment methods can be also sent by e-mail to the following address bmalmohammad@just.edu.jo	