



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Radiologic Technology Department

RA383 Clinical Practice 1
First Semester 2023-2024

Course Catalog
<p>3 Credit Hours. In this period you will spend 12 weeks in the Radiology Department in different hospitals. During this period, the aim is for you to grasp adequate opportunity to apply concepts learned in your second, third, and fourth years in the performance of radiologic activities in the clinical setting. The program intends to utilize all of the major affiliates for the Medical Diagnostic Imaging students' clinical assignments. The students will be assigned and evaluated on the general function of radiology, observe, assist with, and perform radiographic examinations, and assist in all aspects of the radiology department procedures. Your clinical grade will be determined from a number of sources. Specifically you will gather points from your clearances, clinical evaluations, film critiques, and the final examination. You will lose points for inappropriate behaviors, tardiness, and lack of attendance and skill.</p>
Teaching Method: On Campus

Text Book	
Title	Bontrager's Textbook of Radiographic Positioning and Related Anatomy
Author(s)	John Lampignano MEd RT(R) (CT), Leslie E. Kendrick MS RT(R)(CT)(MR)
Edition	10th Edition
Short Name	1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
2	Radiologic Science for Technologists.	Bushong S	10th Edition	

Instructor	
Name	Dr. Haytham Al Ewaidat
Office Location	Vice Dean Office

Office Hours	Sun : 12:30 - 14:30 Mon : 14:30 - 15:30 Tue : 12:30 - 14:30 Wed : 14:30 - 15:30
Email	haewaidat@just.edu.jo

Class Schedule & Room	
Section 1:	Lecture Time: Mon : 08:30 - 14:30 Room: HOSPITAL
Section 2:	Lecture Time: Wed : 08:30 - 14:30 Room: HOSPITAL

Teaching Assistant
Rasha Elshayib(Sections 1, 2)

Prerequisites		
Line Number	Course Name	Prerequisite Type
142260	RA226 Peripheral Osseous System Radiography Lab	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2	PERIPHERAL OSSEOUS SYSTEM IMAGING (CONVENTIONAL X-RAY)	From 1, From 2
Weeks 3, 4	PERIPHERAL OSSEOUS SYSTEM IMAGING (CONVENTIONAL X-RAY)	From 1, From 2
Weeks 5, 6	CENTRAL OSSEOUS SYSTEM IMAGING (CONVENTIONAL X-RAY)	From 1, From 2
Weeks 7, 8	CENTRAL OSSEOUS SYSTEM IMAGING (CONVENTIONAL X-RAY)	From 1, From 2
Weeks 9, 10	CENTRAL OSSEOUS SYSTEM IMAGING	From 1, From 2
Weeks 11, 12	CENTRAL OSSEOUS SYSTEM IMAGING	From 1, From 2
Week 13	BONE MINERAL DENSITOMETER	From 1, From 2
Week 14	PERIPHERAL OSSEOUS SYSTEM IMAGING	From 1, From 2

Week 15	Case studies	From 1, From 2
Week 16	FLUOROSCOPIC AND SPECIAL PROCEDURES	From 1, From 2

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Describe standard positioning terms utilized in this course.	10%	
To introduce the students to the radiographic positioning of skull, thorax, Vertebral column, lower and upper extremities, abdomen, and pelvis.	20%	
To enable students to link other radiological sciences such as radiation Protection with positioning techniques	20%	
To enable the students gain previous knowledge regarding the contrast media, special procedures that are covered in the previous positioning and Special procedures courses.	30%	
Evaluate images for: positioning, centering appropriates anatomy, and overall image quality for the procedures in this course	20%	

Relationship to Program Student Outcomes (Out of 100%)												
PLO B1	PLO B2	PLO B3	PLO B4	PLO B5	PLO B6	PLO B7	PLO M1	PLO M2	PLO M3	PLO M4	PLO M5	PLO M6

Policy	
NOTES/POLICES	<p>? The logbook must be with you all the time during the training.</p> <p>? The cases will only be signed in the SIGNED CASES section (Appendix II) by the clinical supervisor or course coordinator.</p> <p>? Signature will be granted upon filling the REPORT FORM (Appendix III) and earning a mark ? 7 of 10 by the signee.</p> <p>? Signature must be acquired immediately after the clinical procedure. No signatures will be granted after that.</p> <p>All reports and case studies must be of the student?s own work unless instructed differently. The course coordinator will follow JUST?s roles and regulation in the cases of cheating and/or plagiarism.</p>

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