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

RA386 Clinical Practice 2
Second Semester 2023-2024

Course Catalog
3 Credit Hours. This course provides the student the opportunity to apply concepts learned in their second year in the performance of radiologic activities in the clinical setting. The student will be required to prove competency in prescribed examinations in this course student will study the positioning of the organs in radiologic technology department in both peripheral and central osseous system.
Teaching Method: On Campus

Text Book	
Title	Textbook of radiographic positioning and related anatomy
Author(s)	Kenneth l. Bontrager
Edition	5th Edition
Short Name	1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
2	Bontrager's Textbook of Radiographic	Kenneth l. Bontrager	5th Edition	

Instructor	
Name	**Dr. Badera Almohammad**
Office Location	-
Office Hours	
Email	bmalmohammad@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: Sun : 08:30 - 14:30
Room: HOSPITAL

Section 2:
Lecture Time: Tue : 08:30 - 14:30
Room: HOSPITAL

Teaching Assistant
Rasha Elshayib(Sections 1, 2)

Prerequisites		
Line Number	**Course Name**	**Prerequisite Type**
143830	RA383 Clinical Practice 1	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	**Topic**	**References**
Weeks 1, 2	Introduction to Clinical Practice	From **1**, From **2**
Weeks 3, 4, 5, 6	Examinations of peripheral osseous system.	From **1**, From **2**
Weeks 7, 8, 9, 10	Examinations of Central Osseous System	From **1**, From **2**
Weeks 11, 12, 13, 14	Special Imaging Procedures	From **1**, From **2**
Weeks 15, 16	Clinical Integration and Competency Assessment	From **1**, From **2**

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Apply a critical analysis of the radiographic images by evaluating their appropriateness, completeness, exposure technique factors, patient position, collimation, centering of appropriate anatomy and overall quality, while applying knowledge of anatomy and pathology to make informed judgments	25%	
Comply with ethical values and regulations associated with radiography practice including obtaining informed consent, radiation dose, patient confidentiality and privacy.	25%	

Apply and maintain professional behavior, teamwork and communication skills to suit a diverse range of patients, families, carers, and other healthcare practitioners, show empathy and understanding towards the perspectives and concerns of patients, families, and carers, and modify the communication style accordingly and identify potential barriers to effective patient, family and carers communication and implement strategies to work on them.	25%	
Perform analytical and evaluative reasoning skills and problem- solving based on evidence-based practice in various clinical scenarios, and critically assess the appropriateness of procedures and their justification as well as the impact of radiographers' decisions on patient care quality and safety.	25%	

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

Date Printed: 2024-02-25