



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

RA487 Clinical Practice 3

First Semester 2023-2024

Course Catalog

3 Credit Hours. This practical course is conducted in a hospital setting in the radiology department. They will have hands on training in each of the following modalities: Fluoroscopy, Ultrasound, CT, MRI, Nuclear Medicine, Angiography, DEXA, and conventional imaging.

Teaching Method: On Campus

Instructor

Name	Dr. Badera Almohammad
Office Location	-
Office Hours	
Email	balmohammad@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

Prerequisites

Line Number	Course Name	Prerequisite Type
143860	RA386 Clinical Practice 2	Prerequisite / Study

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Comply with ethical values and regulations associated with radiography practice including obtaining informed consent, radiation dose, patient confidentiality and privacy.	20%	
Apply knowledge of radiation biology, medical radiation physics, and radiation dose adjustment to perform and implement safe radiation practice for general radiography, fluoroscopy, and CT on patients of all ages and in a range of settings and presentations.	20%	
Demonstrate and comply with radiation safety laws and regulations while applying principles of radiation protection, radiation justification and patient safety and take proactive steps to mitigate risks and ensure patients and their families, carers, and other healthcare practitioners? safety.	20%	
Apply a critical analysis of the radiographic images by evaluating their appropriateness, completeness, exposure, patient position, collimation, centring of appropriate anatomy and overall quality, while applying knowledge of anatomy and pathology to make informed judgments.	20%	
Identify, respond and report appropriately to potential incidents involving contrast media adverse effects and radiation exposure, including equipment malfunction, patient movement during exposure, and other unforeseen circumstances.	10%	
Apply and perform effective communication and collaborate with a multidisciplinary team in order to perform, design and evaluate contrast media procedures, ensuring the roles and responsibilities of team members from different disciplines involved in fluoroscopy and angiography procedures, patient safety, optimal imaging results and delivery of patient care.	10%	

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

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