



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

RA327 Central Osseous System Radiography

First Semester 2023-2024

**Course Catalog**

2 Credit Hours. This course provides the student with instruction in the radiographic anatomy and positioning and to obtain basic knowledge, skills, and application of alignment of body parts, cassettes, and x-ray tube in each elementary radiographic examination correlated with patient care procedures. Emphasis will be placed on positioning terms, projections of the chest, abdomen, and pelvis, skull, facial bone, sinuses, chest, abdomen, pelvis and vertebral column, as well as corresponding radiographic analysis. A laboratory component is included. Student will be required to participate in simulation activities on each other for each of the procedures covered in this course

**Text Book**

<b>Title</b>	Atlas of Radiographic Positioning & Radiologic Procedures
<b>Author(s)</b>	Bruce W. Long, Jeannean Hall Rollins, Barbara J. Smith
<b>Edition</b>	14th Edition
<b>Short Name</b>	1
<b>Other Information</b>	

**Instructor**

Name	<b>Dr. Haytham Al Ewaidat</b>
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
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**Class Schedule & Room**

**Section 1:**

Lecture Time: Sun, Tue : 09:30 - 10:30

Room: M4202

**Teaching Assistant**

Rasha Elshayib(Section 1)

**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	Introduction to central system imaging, principles and terminology related to radiographic positioning.	From 1
Weeks 3, 4	Radiographic Positioning	From 1
Week 5	Chest anatomy	From 1
Week 6	Chest radiographic position	From 1
Week 7	Sign of excellent and image evaluation for radiographic image	From 1
Week 8	pelvis anatomy and radiographic position	From 1
Weeks 9, 10	abdomen anatomy and radiographic position	From 1
Week 11	spine anatomy	From 1
Week 12	spine radiographic position	From 1
Weeks 13, 14, 15	skull anatomy and skull radiographic position sinuses anatomy and radiographic position	From 1
Week 16	Revision	From 1

**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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