



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

RA346 Radiologic Pathology
Second Semester 2023-2024

Course Catalog
<p>3 Credit Hours. This course provides a comprehensive examination of pathological processes affecting various body systems and their radiological manifestations. Each chapter begins with a brief overview of system-specific pathologies, followed by exploration of diagnostic modalities in radiology. Topics include respiratory, skeletal, GI, urinary, cardiovascular, nervous, hematopoietic, endocrine, and reproductive systems, emphasizing etiology, trauma, disease processes, and radiographic pathology manifestations.</p>
<p>Teaching Method: On Campus</p>

Text Book	
Title	Comprehensive radiographic pathology
Author(s)	Ronald L. Eisenberg, Nancy M
Edition	6th Edition
Short Name	1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
2	Radiologic Pathology	Ellen M. Chung, Jeffrey R. Galvin, Kelly K. Koeller, Mark D. Murphey, Paula J.	5th Edition	

Instructor	
Name	Dr. MOHAMMAD AYASRAH
Office Location	-
Office Hours	
Email	maayasrah@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Mon, Wed : 13:00 - 14:30 Room: N1303

Teaching Assistant
Rasha Elshayib(Section 1)

Prerequisites		
Line Number	Course Name	Prerequisite Type
102121	MED212 Pathology	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Radiographic modality in diagnosing different diseases	From 1, From 2
Week 2	Pathological conditions in the Respiratory system	From 1, From 2
Week 3	Pathological conditions in the hepatobiliary System.	From 1, From 2
Week 4	Normal and pathological conditions in the GI and hepatic system 1.	From 1, From 2
Week 5	Normal and pathological conditions in the GI and hepatic system 2.	From 1, From 2
Week 6	Pathological conditions in the Urinary system	From 1, From 2
Week 7	Discus and evaluate normal and pathologies conditions.	From 1, From 2
Week 8	Normal and pathological conditions in the musculoskeletal system and the joints	From 1, From 2
Week 9	Normal and pathological conditions in the musculoskeletal system and the joints 1	From 1, From 2
Week 10	Normal and pathological conditions in the musculoskeletal system and the joints 2	From 1, From 2
Week 11	Normal and pathological conditions in the Nervous system 1.	From 1, From 2
Week 12	Normal and pathological conditions in the Nervous system 2.	From 1, From 2

Week 13	Pathological conditions in the hepatobiliary System.	From 1, From 2
Week 14	Normal and pathological conditions in the peritoneal cavity and retro Peritoneum.	From 1, From 2
Week 15	Normal and pathological conditions in the Cardiovascular system Nervous system	From 1, From 2
Week 16	Revision	From 1, From 2

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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