



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

RA334 Radiographic Cross Sectional Anatomy

Second Semester 2023-2024

Course Catalog

2 Credit Hours. This course provides the student human anatomy in a cross-sectional image format. Students will build on their knowledge of human anatomy and physiology using transverse, coronal, and sagittal MRI and CT imaged sections of the human body

Teaching Method: On Campus

Text Book

Title	Sectional anatomy for imaging professionals
Author(s)	Lorrie L. Kelley , Connie Petersen
Edition	9th Edition
Short Name	1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
2	Gray's Anatomy of the human body	Richard Lee Drake, Richard Drake, A. Wayne Vogl, Adam W. M. Mitchell, Henry Gray	30th Edition	

Instructor

Name	Dr. Mustafa Alhasan
Office Location	Faculty of Applied Medical Sciences
Office Hours	
Email	mkalhasan@just.edu.jo

Class Schedule & Room

Section 1:

Lecture Time: Mon, Wed : 11:30 - 12:30

Room: M2202

Teaching Assistant

Rasha Elshayib(Section 1)

Prerequisites

Line Number	Course Name	Prerequisite Type
143350	RA335 Radiographic Surface Anatomy Lab	Prerequisite / Study

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	CT and MRI introduction	From 1, From 2
Week 2	Brain anatomy	From 1, From 2
Week 3	Brain anatomy	From 1, From 2
Week 4	Brain anatomy	From 1, From 2
Week 5	Neck anatomy	From 1, From 2
Week 6	Spine anatomy	From 1, From 2
Week 7	Respiratory system	From 1, From 2
Week 8	Respiratory system	From 1, From 2
Week 9	Heart and great vessels	From 1, From 2
Week 10	Gastrointestinal Tract	From 1, From 2
Week 11	Gastrointestinal Tract	From 1, From 2
Week 12	Liver and spleen	From 1, From 2

Week 13	Pancreas & Kidneys	From 1, From 2
Week 14	Pelvis & Genital Organs	From 1, From 2
Week 15	Pelvis & Genital Organs	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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