



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

RA415 Quality Management In Medical Imaging Lab

First Semester 2023-2024

Course Catalog

1 Credit Hours. This course is designed to cover all the technical and administrative processes to ensure that radiographic equipment perform according to manufacture standards.

Text Book

Title	Quality Management in the Imaging Sciences
Author(s)	Jeffrey Papp
Edition	4th Edition
Short Name	1
Other Information	

Instructor

Name	Dr. MOHAMMAD AYASRAH
Office Location	-
Office Hours	Sun : 08:30 - 10:30 Mon : 08:30 - 11:30 Wed : 08:30 - 11:30 Thu : 14:30 - 16:30
Email	maayasrah@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: Sun : 08:30 - 10:30
Room: LAB

Section 2:
Lecture Time: Sun : 10:30 - 12:30
Room: LAB

Section 3:
Lecture Time: Tue : 08:30 - 10:30
Room: LAB

Section 4:
Lecture Time: Tue : 10:30 - 12:30
Room: LAB

Teaching Assistant

Rasha Elshayib(Sections 1, 2, 3, 4)

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	Introduction.	From 1
Week 2	QA procedures and protocols	From 1
Week 3	QA documentation and record-keeping	From 1
Week 4	QC documentation and reporting	From 1
Week 5	Dark Room QC	From 1
Week 6	Processor QC	From 1
Week 8	Viewing Box QC Screen QC	From 1
Week 9	Computed Radiography QC	From 1
Week 10	Computed Radiography QC 2	From 1
Week 11	Digital Radiography QC 1	From 1
Week 12	Digital Radiography QC 2	From 1
Week 13	Mammography QC	From 1
Week 14	Mammography QC	From 1
Week 15	Digital Radiography Exposure Indicators	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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