



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

RA795 Seminar

First Semester 2024-2025

**Course Catalog**

1 Credit Hours. This course includes discussion of current topics in specific areas of radiation sciences assessments, intervention, treatment, and research trends. One hour of group discussion will be conducted weekly.

**Teaching Method:** On Campus

**Text Book**

<b>Title</b>	The Craft of Research
<b>Author(s)</b>	Wayne C. Booth, Gregory G. Colomb, Joseph M. Williams
<b>Edition</b>	4th Edition
<b>Short Name</b>	1
<b>Other Information</b>	

**Instructor**

<b>Name</b>	<b>Dr. MOHAMMAD AYASRAH</b>
<b>Office Location</b>	-
<b>Office Hours</b>	Sun : 10:30 - 12:30 Mon : 11:30 - 13:00 Wed : 11:30 - 13:00 Thu : 15:30 - 16:30
<b>Email</b>	maayasrah@just.edu.jo

**Class Schedule & Room**

Section 1:  
Lecture Time: Thu : 08:30 - 09:30  
Room: LAB

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction to Radiological Technology	From 1
Week 2	Advanced Imaging Modalities	From 1
Week 3	Radiation Safety and Patient Protection	From 1
Week 4	Innovations in Radiological Technology	From 1
Week 5	Ethical Considerations in Radiology	From 1
Week 7	Patient Communication and Experience	From 1
Week 8	Clinical Case Studies	From 1

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Explore emerging technologies and advancements in radiologic imaging.	20%	
Evaluate scientific literature and apply evidence-based practices to clinical scenarios.	20%	
Address ethical dilemmas and legal challenges in radiologic practice.	20%	
Deliver presentations, engage in discussions, and build teamwork and leadership skills.	20%	
Reflect on career opportunities, certification requirements, and lifelong learning strategies.	20%	

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

Evaluation	
Assessment Tool	Weight
final exam	100%

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