



مركز الاعتماد  
وإضمان الجودة  
ACCREDITATION & QUALITY ASSURANCE CENTER

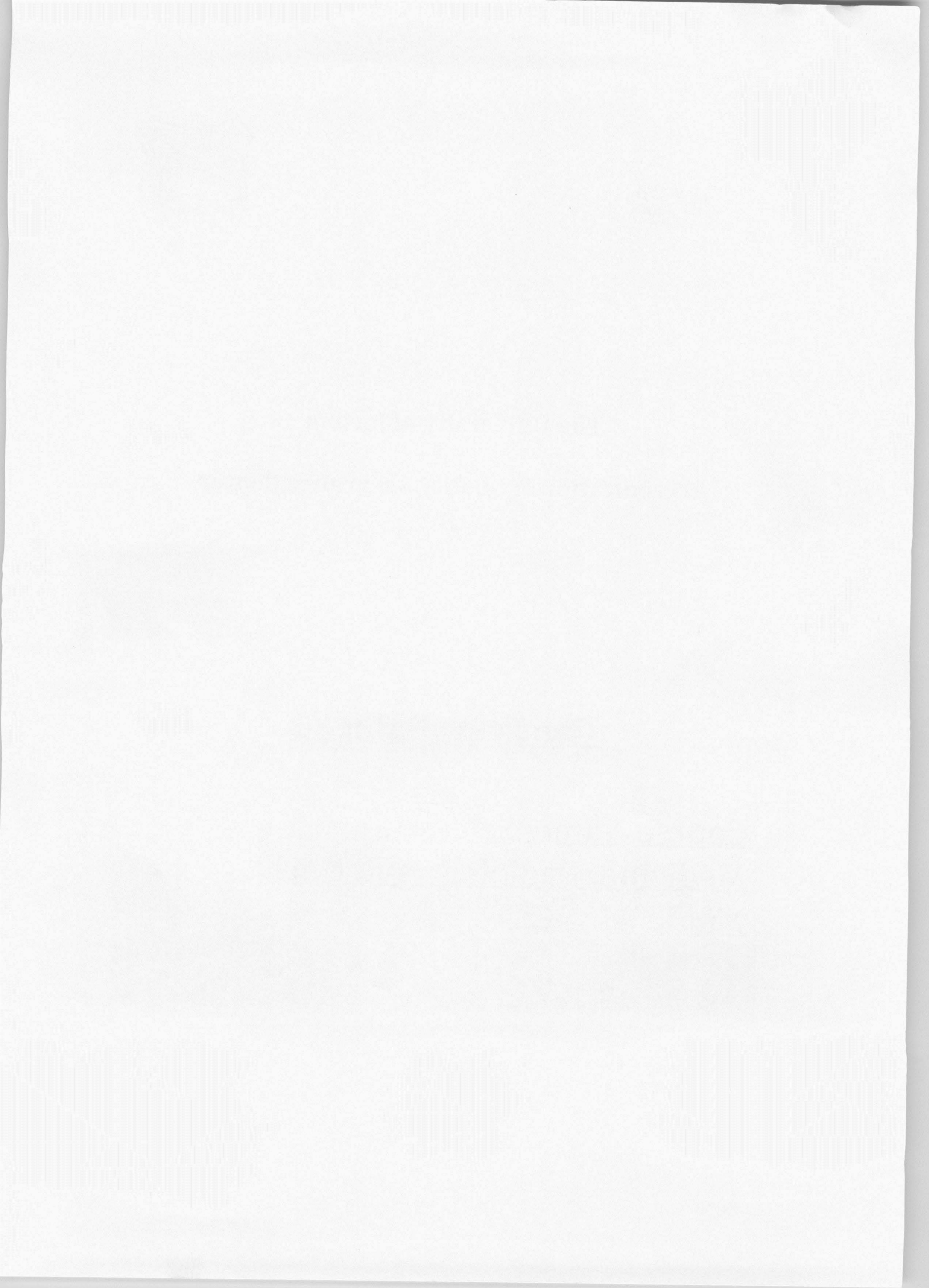


**The University of Jordan**

**Accreditation & Quality Assurance Center**

## **Course Syllabus**

**Course Name: Selective  
Medicine/Radiology and Nuclear  
Medicine**





1	Course title	Selective Medical Specialties / Radiology
2	Course number	500504
3	Credit hours (theory, practical)	2 hours out of 10
	Contact hours (theory, practical)	
4	Prerequisites/corequisites	Successfully passed 4 <sup>th</sup> year
5	Program title	Doctor of Medicine
6	Program code	500504
7	Awarding institution	University of Jordan
8	Faculty	Medicine
9	Department	Department of Radiology and Nuclear Medicine
10	Level of course	Bachelor
11	Year of study and semester (s)	5 <sup>th</sup> year, 1 <sup>st</sup> and summer semesters
12	Final Qualification	Successful completion of the course
13	Other department (s) involved in teaching the course	Dermatology, family medicine, forensic medicine and Radiology.
14	Language of Instruction	English
15	Date of production/revision	2022/2023

**16. Course Coordinator:**

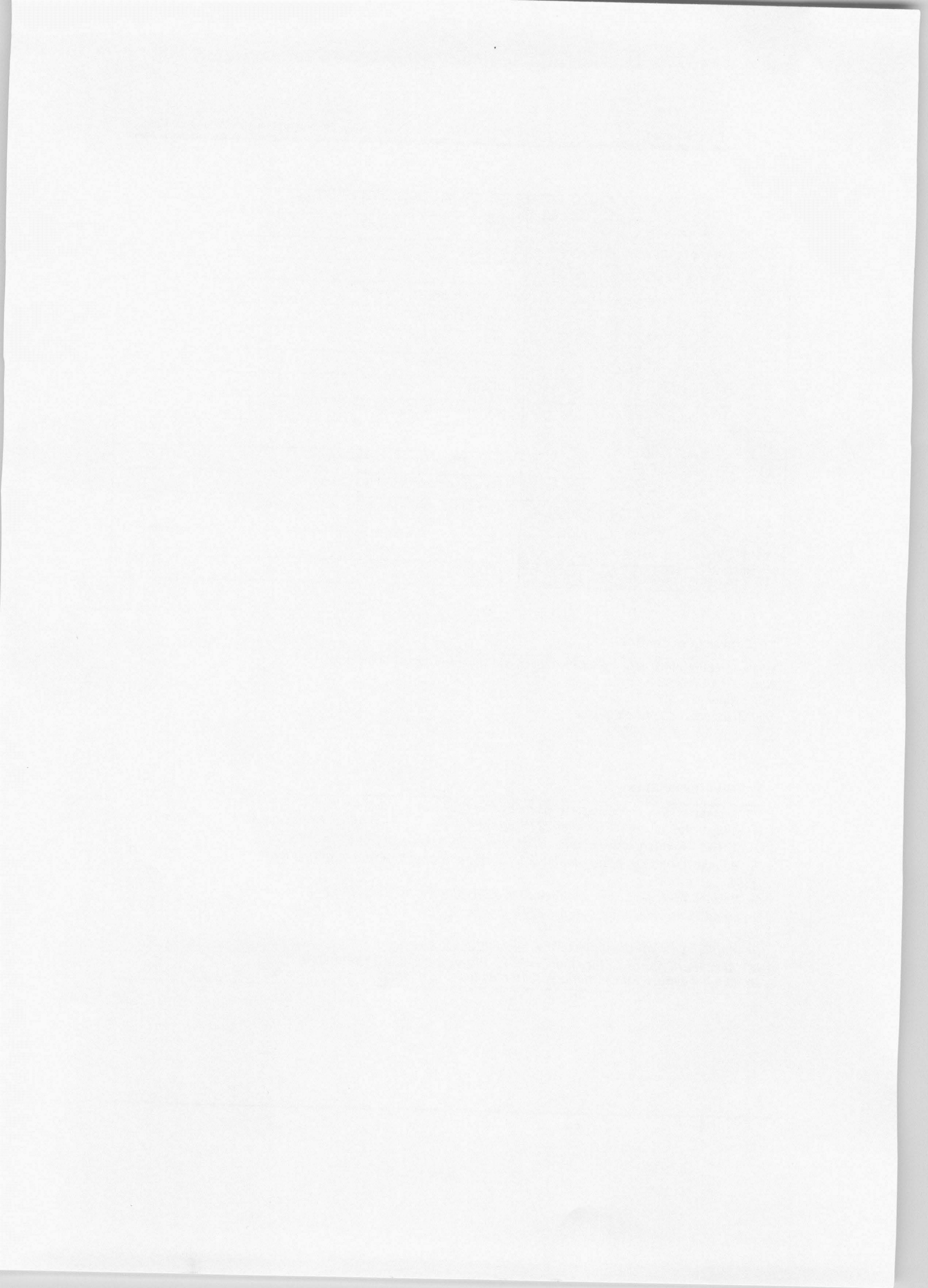
Office numbers, office hours, phone numbers, and email addresses should be listed.

Name: Dr. Osama Samara  
 Office Number: 2216  
 E-mail: [Osama-samara@yahoo.com](mailto:Osama-samara@yahoo.com)  
 Office hours: 8 – 9 am daily

**17. Other instructors:**

Office numbers, office hours, phone numbers, and email addresses should be listed.

Dr. Azmy Al Hadidy, office number 2216, [amshadidy@yahoo.com](mailto:amshadidy@yahoo.com) (office hours Sun, Mon. 10 – 12am)  
 Dr. Waleed Mahafza, office number 2216, [wmahafza@hotmail.com](mailto:wmahafza@hotmail.com) (office hours 12 – 2 daily)  
 Dr. Mahasen Al-najjar, office number 2216, [drmahasennajjar@yahoo.com](mailto:drmahasennajjar@yahoo.com) (office hours Mon, Tues. 12:30 – 1:30)  
 Dr. Nosaiba Al-Ryalat, office number 2216, [nosryalat@yahoo.com](mailto:nosryalat@yahoo.com) (office hours Mon, Tues. 12:30 – 1:30)  
 Dr. Emad Tarawneh, office number 2216, [emadt\\_61@yahoo.com](mailto:emadt_61@yahoo.com) (office hours sun 9-12, Tues. 10-2, Wed. 10-2)  
 Dr. Malik Juweid, office number 2574, [mjuweid@yahoo.com](mailto:mjuweid@yahoo.com)  
 DR. Abedallatif Alsharif, office number 2573, [alsharifabedallatif@gmail.com](mailto:alsharifabedallatif@gmail.com)  
 Dr. Omar Albtoush, office number 2216 o.albtoush@ju.edu.jo





**18. Course Description:**

A two weeks rotation. Meeting with students at the beginning of each rotation is held at 9am in Radiology seminar room in the Radiology Department. On each 2-week rotation, students are expected to attend the dedicated daily teaching activities including the lectures and the following tutorials. Then, they are distributed on different intradepartmental modalities to attend reporting sessions

1. 19. Course aims and outcomes:

2.

A- Aims:

1. Introduction to basic concepts in diagnostic radiology.
2. Get general knowledge on different radiologic modalities.
3. Train students to identify and diagnose common emergent and non emergent conditions.
4. Introduction to basic radiologic procedures.
5. Attend different reporting sessions in our department in small groups.

**B- Intended Learning Outcomes (ILOs):** Upon successful completion of this course students will be able to ...

1. Ability to identify different radiologic modalities and their main indications/ contra-indications.
2. Know the basic radiologic anatomy.
3. Develop an insight into ionizing radiation hazards.
4. Provide knowledge about pattern of common and emergent pathologies in Neuro., chest, musculoskeletal, G.I, uro-genital, mammography, nuclear and interventional radiology.

**20. Topic Outline and Schedule:**

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Introduction to Radiology	1 <sup>st</sup>	Dr. Azmy Al Hadidy		OSCE & Evaluation	Lecture notes and Tutorial discussions
Sonolab.	1 <sup>st</sup>	All staff members		OSCE & Evaluation	Lecture notes and Tutorial discussions
Gastrointestinal Radiology	1 <sup>st</sup>	Dr. Emad Tarawneh		& OSCE Evaluation	Lecture notes and Tutorial discussions
Neuro-radiology	1 <sup>st</sup>	Dr. Nosaibal Al-Ryalat		OSCE & Evaluation	Lecture notes and Tutorial discussions
Nuclear Medicine	1 <sup>st</sup>	Dr. Abdellatif Alsharif & Dr. Malik Juweid		OSCE & Evaluation	Lecture notes and Tutorial discussions
Musculoskeletal Radiology	2 <sup>nd</sup>	.Dr Omar Albtoush		OSCE & Evaluation	Lecture notes and Tutorial discussions
Respiratory	2 <sup>nd</sup>	Dr. Waleed		=	=





Radiology		Mahafza			
Mammography	2 <sup>nd</sup>	Dr. Mahasen Alnajjar		=	=
Vascular Radiology	2 <sup>nd</sup>	Dr. Osama Samara		=	=

### 21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

- 1- Lectures and tutorials: Provided by the radiology consultants.
- 2- Intradepartmental rotations on different modalities including Sonolab.

### 22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

- OSCE Exam 30% at the end of 2 weeks rotation.
- Evaluation 20% at the end of 2 weeks rotation.
- Final exam 50% May of each year

### 23. Course Policies:

A- Attendance policies:

Lecture attendance is obligatory.

B- Absences from exams and handing in assignments on time:

If proved with a valid excuse not attending his scheduled exam will re-schedule it with the next rotation.

C- Health and safety procedures:

None

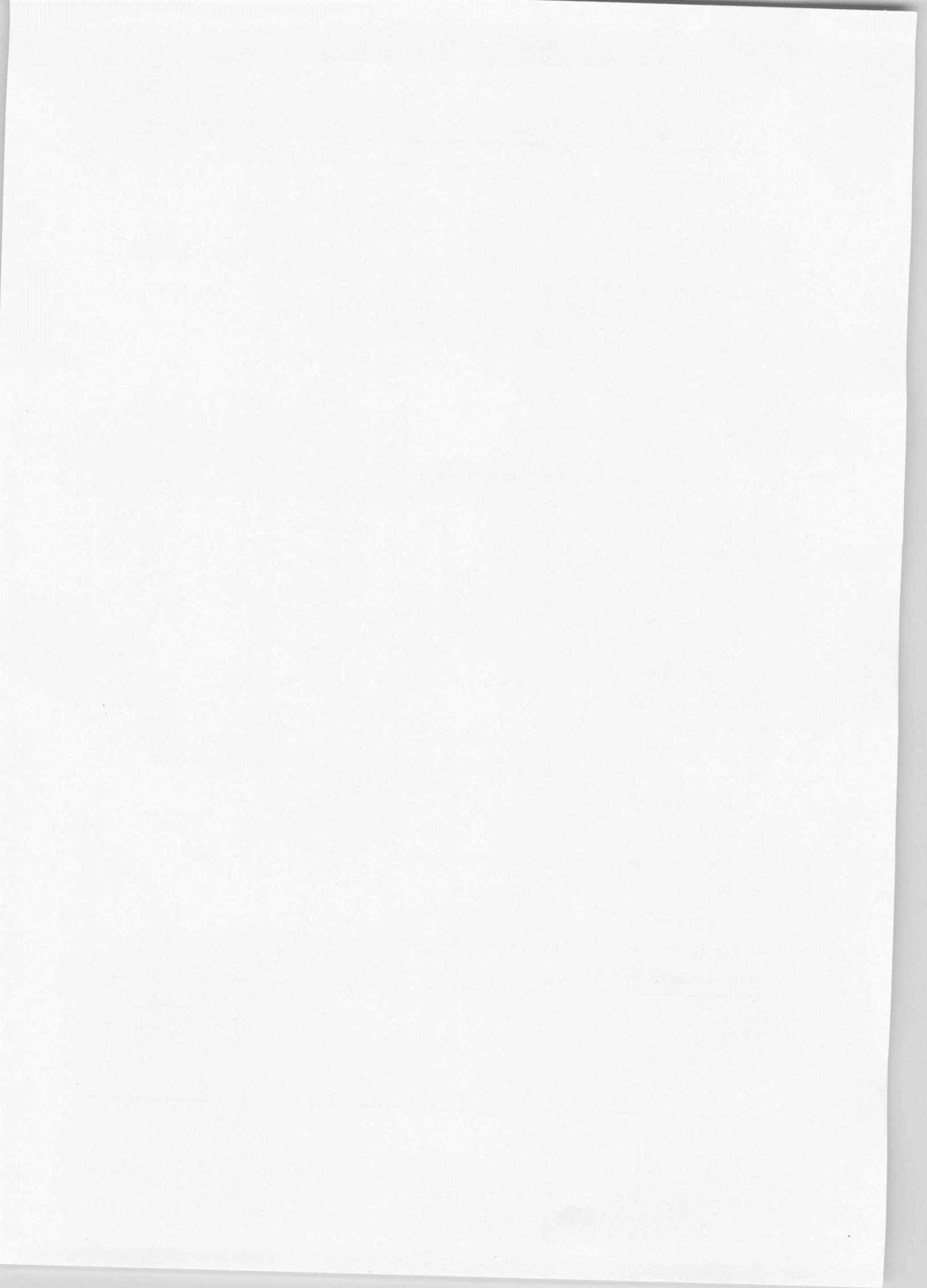
D- Honesty policy regarding cheating, plagiarism, misbehavior:

Cheating is totally not acceptable.

E- Grading policy: Marks

F- Available university services that support achievement in the course:

University and hospital library.





**24. Required equipment:**

Radiology Workstations including diagnostic monitors and PACS system for proper student education resembling routine workflow

**25. References:**

A- Required book (s), assigned reading and audio-visuals:

1. Learning radiology: Recognizing the basics  
Authors: William Herring  
Publisher: Saunders
2. Radiology 101: The Basics and fundamentals of Imaging  
Authors: Wilbur smith, William Erkonen  
Publisher: Lippincott Williams and Wilkins
3. Imaging Atlas of Human Anatomy  
Authors: Jamie Weir, Peter Abrahams  
Publisher: Mosby

B- Recommended books, materials, and media:

**26. Additional information:**

Name of Course Coordinator: Omar Albtoush Signature: [Signature] Date: 18.09.2023

Head of curriculum committee/Department: \_\_\_\_\_ Signature: \_\_\_\_\_

Head of Department: Dr. Osama Samara Signature: [Signature]

Head of curriculum committee/Faculty: \_\_\_\_\_ Signature: \_\_\_\_\_

Dean: \_\_\_\_\_ Signature: \_\_\_\_\_

Jordan University Hospital  
Radiology Department

Copy to:  
Head of Department  
Assistant Dean for Quality Assurance  
Course File

Jordan University Hospital  
Radiology Department

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