

# Jordan University of Science and Technology Faculty of Applied Medical Sciences

# Radiologic Technology Department

RA226 Peripheral Osseous System Radiography Lab

Second Semester 2023-2024

#### **Course Catalog**

1 Credit Hours. This course includes the demonstration and practice in positioning and anatomical radiography of the upper and lower extremities to include shoulder and pelvic girdles

Teaching Method: On Campus

| Text Book            |  |  |  |  |  |  |  |  |  |
|----------------------|--|--|--|--|--|--|--|--|--|
| Title                | Textbook of radiographic positioning and related anatomy |  |  |  |  |  |  |  |  |
| Author(s)            | Kenneth I. Bontrager                                     |  |  |  |  |  |  |  |  |
| Edition              | 9th Edition  |  |  |  |  |  |  |  |  |
| Short Name           | 1  |  |  |  |  |  |  |  |  |
| Other<br>Information |  |  |  |  |  |  |  |  |  |

| Instructor      |                        |  |  |  |  |
|-----------------|------------------------|--|--|--|--|
| Name            | Dr. Haytham Al Ewaidat |  |  |  |  |
| Office Location | Vice Dean Office       |  |  |  |  |
| Office Hours    |                        |  |  |  |  |
| Email           | haewaidat@just.edu.jo  |  |  |  |  |

## Class Schedule & Room

Section 1:

Lecture Time: Sun: 12:30 - 14:30

Room: LAB

Section 2:

Lecture Time: Sun: 14:30 - 16:30

Room: LAB

Section 3:

Lecture Time: Mon: 08:30 - 10:30

Room: LAB

Section 4:

Lecture Time: Tue: 11:30 - 13:30

Room: LAB

Section 5:

Lecture Time: Tue: 13:30 - 15:30

Room: LAB

Section 6:

Lecture Time: Tue: 09:30 - 11:30

Room: LAB

## **Teaching Assistant**

Rasha Elshayib(Sections 1, 2, 3, 4, 5, 6)

| Tentative List of Topics Covered |   |            |  |  |  |  |  |
|----------------------------------|---|------------|--|--|--|--|--|
| Weeks                            | Topic   | References |  |  |  |  |  |
| Week 1                           | Introduction to terminology                     | From 1     |  |  |  |  |  |
| Week 2                           | Radiographic terminology, ethics and principles | From 1     |  |  |  |  |  |
| Week 3                           | Upper limb fingers, hand wrist                  | From 1     |  |  |  |  |  |
| Week 4                           | Upper limb forearm, elbow and humerus           | From 1     |  |  |  |  |  |
| Week 5                           | Upper limb shoulder and scapula                 | From 1     |  |  |  |  |  |
| Week 6                           | Upper limb shoulder, clavicles                  | From 1     |  |  |  |  |  |
| Week 7                           | Lower Limb pathology and anatomy review         | From 1     |  |  |  |  |  |
| Week 8                           | Lower Limb toes, foot and calcaneus             | From 1     |  |  |  |  |  |
| Week 9                           | Lower limb ankle                                | From 1     |  |  |  |  |  |
| Week 10                          | mortise and leg                                 | From 1     |  |  |  |  |  |
| Week 11                          | Lower Limb knee                                 | From 1     |  |  |  |  |  |

| Week 12 | Lower Limb femur and hip   | From 1        |
|---------|----------------------------|---------------|
| Week 13 | Lower Limb femur and hip 2 | From <b>1</b> |
| Week 14 | Pelvis                     | From 1        |
| Week 15 | Lower limb revision        | From <b>1</b> |
| Week 16 | Upper limb revision        | From <b>1</b> |

| Relationship to Program Student Outcomes (Out of 100%) |           |           |           |           |           |           |           |           |           |           |           |           |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| PLO<br>B1  | PLO<br>B2 | PLO<br>B3 | PLO<br>B4 | PLO<br>B5 | PLO<br>B6 | PLO<br>B7 | PLO<br>M1 | PLO<br>M2 | PLO<br>M3 | PLO<br>M4 | PLO<br>M5 | PLO<br>M6 |
|  |           |           |           |           |           |           |           |           |           |           |           |           |

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