



**The Hashemite University**  
**Faculty of Allied Health Sciences**  
**Department of Medical Imaging**  
**Course Syllabus**

<b>Course information</b>	
<b>Course Title</b>	Radiological Imaging Procedures (1)
<b>Course Code</b>	140508221
<b>Prerequisites</b>	140508212 and 140501211 or concurrent
<b>Credit Hours</b>	3 (2+3) hours
<b>Course Description</b>	
Specific skills are required to perform and evaluate radiographic examinations of the chest, abdomen, upper extremities, and lower extremities with emphasis on image quality, patient care, and adaptation to a variety of client conditions. Labs are included.	
<b>Course Objectives</b>	
By the end of this course, the student is expected to:	
By the end of the course the student will be able to perform the following radiographic procedures	
<ol style="list-style-type: none"> <li>1. Radiographic positioning of the chest</li> <li>2. Radiographic positioning of the abdomen</li> <li>3. Radiographic positioning of the hand, fingers, and wrist</li> <li>4. Radiographic positioning of the forearm, elbow, and humerus</li> <li>5. Radiographic positioning of the shoulder girdle</li> <li>6. Radiographic positioning of the foot and ankle joint</li> <li>7. Radiographic positioning of the leg, knee joint, and distal femur</li> <li>8. Radiographic positioning of the proximal femur, hip, pelvis and SI joint</li> <li>9. Radiographic positioning of the bony thorax (ribs &amp; sternum)</li> <li>10. Imaging of foreign body and magnification radiography</li> </ol>	

<b>Recommended Textbook</b>	
<b>Title</b>	Merrills Atlas of radiographic positioning & Radiologic Procedures: Vol I & II
<b>Author</b>	Philip W. Ballinger
<b>Publisher</b>	
<b>Year</b>	
<b>Edition</b>	
<b>Book website</b>	
<b>Title</b>	Radiographic anatomy & Positioning
<b>Author</b>	Bontraager K.L, Anthony BT
<b>Publisher</b>	
<b>Year</b>	
<b>Edition</b>	
<b>Book website</b>	

## Course Contents

### Topic:

- Introduction to the course
- Radiographic positioning of the chest
- Radiographic positioning of the abdomen
- Radiographic positioning of the hand, fingers, and wrist
- Radiographic positioning of the forearm, elbow, and humerus
- Radiographic positioning of the shoulder girdle
- Radiographic positioning of the foot and ankle joint
- Radiographic positioning of the leg, knee joint, and distal femur
- Radiographic positioning of the proximal femur, hip, pelvis and SI joint
- Radiographic positioning of the bony thorax (ribs & sternum)
- Imaging of foreign body and magnification radiography

### Assessment

<b>First Exam</b>	20%
<b>Second Exam</b>	20%
<b>Lab + In course assessment</b>	20%
<b>Final Exam</b>	40%