



**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 (2)
<b>Course Code</b>	110508322
<b>Prerequisites</b>	110508321 or concurrent
<b>Credit Hours</b>	3 (2 Theory + 3 Lab hours)
<b>Course Description</b>	
This course is designed to provide the student with an opportunity to gain knowledge on how to perform different radiographic procedures of the skull, sinuses, spines, lumbosacral, sacrum, coccyx, breast mammography, and tomography. Independent decision making regarding trauma radiography is also 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 cranial and facial bones</li> <li>2. Radiographic positioning of the teeth</li> <li>3. Radiographic positioning of the paranasal sinuses</li> <li>4. Radiographic positioning of the vertebral column (cervical, thoracic, lumbar, sacral, and coccyx)</li> <li>5. Radiographic positioning of the chest</li> <li>6. Radiographic positioning of the breast (mammography)</li> <li>7. Tomography demonstration</li> </ol>	

<b>Recommended Textbook</b>	
<b>Title</b>	Merrills Atlas of Radiographic Positioning & Radiologic Procedures: vol I, II, III.
<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>	
<b>Other References</b>	
<b>Title</b>	Clark's Positioning in Radiography

<b>Author</b>	
<b>Publisher</b>	
<b>Year</b>	
<b>Edition</b>	
<b>Book website</b>	
<b>Course Contents</b>	
<p><b>Topic:</b></p> <ul style="list-style-type: none"> <li>▪ Introduction to the course</li> <li>▪ Cranial Topography</li> <li>▪ Radiography of the Cranium, &amp; Paranasal Sinuses</li> <li>▪ Radiography of the Sella Turcica, Zygomatic arch &amp; optic foramina</li> <li>▪ Radiography of the Facial and Nasal bones</li> <li>▪ Radiography of the Mandible &amp; TM joint</li> <li>▪ Radiography of the Mastoids &amp; Temporal Bones</li> <li>▪ Radiography of the Cervical Spine</li> <li>▪ Radiography of the Thoracic Spine</li> <li>▪ Radiography of the Lumbar Spine</li> <li>▪ Radiography of Sacrum, Coccyx, Sacroiliac joint</li> <li>▪ Radiography of the chest</li> <li>▪ Radiography of the Breast (Mammography)</li> <li>▪ Tomography</li> </ul>	
<b>Assessment</b>	
<b>First Exam</b>	20%
<b>Second Exam</b>	20%
<b>Lab + In course assessment</b>	20%
<b>Final Exam</b>	40%