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

Course information	
Course Title	Radiological Imaging Procedures (2)
Course Code	110508322
Prerequisites	110508321 or concurrent
Credit Hours	3 (2 Theory + 3 Lab hours)
Course Description	
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.	
Course Objectives 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 1. Radiographic positioning of the cranial and facial bones 2. Radiographic positioning of the teeth 3. Radiographic positioning of the paranasal sinuses 4. Radiographic positioning of the vertebral column (cervical, thoracic, lumbar, sacral, and coccyx) 5. Radiographic positioning of the chest 6. Radiographic positioning of the breast (mammography) 7. Tomography demonstration	

Recommended Textbook	
Title	Merrills Atlas of Radiographic Positioning & Radiologic Procedures: vol I, II, III.
Author	Philip W. Ballinger
Publisher	
Year	
Edition	
Book website	
Title	Radiographic anatomy & Positioning
Author	Bontraager K.L, Anthony BT
Publisher	
Year	
Edition	
Book website	
Other References	
Title	Clark's Positioning in Radiography

Author	
Publisher	
Year	
Edition	
Book website	

Course Contents

Topic:

- Introduction to the course
- Cranial Topography
- Radiography of the Cranium, & Paranasal Sinuses
- Radiography of the Sella Turcica, Zygomatic arch & optic foramina
- Radiography of the Facial and Nasal bones
- Radiography of the Mandible & TM joint
- Radiography of the Mastoids & Temporal Bones
- Radiography of the Cervical Spine
- Radiography of the Thoracic Spine
- Radiography of the Lumbar Spine
- Radiography of Sacrum, Coccyx, Sacroiliac joint
- Radiography of the chest
- Radiography of the Breast (Mammography)
- Tomography

Assessment	
First Exam	20%
Second Exam	20%
Lab + In course assessment	20%
Final Exam	40%