

Specialization	Radiologic Technology
Course Number	020810291
Course Title	Field Training
Credit Hours	6
Theoretical Hours	
Practical Hours	One complete semester

Brief Course Description:

- ❖ This course provides the students with the basic essential training and of the positioning techniques in radiography of the whole body parts using general x-ray, fluoroscopy, MRI, CT, Mammography, dental radiography and ultrasound technique. In addition to minimize excessive radiation exposure of patients, public and operators, patient care, preparations and protection and finally to be familiar with the impact of technology on the progress of diagnostic imaging also applying quality control tests for different X-Ray systems...etc

Course Objectives:

Upon the completion of the course, the student will be:

- Educationally prepared and clinically competent as a prerequisite to Professional practice.
- Adapt with emergency radiograph of traumatic patients.

Unit Number	Unit Name	Unit Content	Time Needed
1	Introduction	<ul style="list-style-type: none"> The introduction provides definitions for the practice and the minimum qualifications for the education and certification of individuals in addition to an overview of the specific practice. 	
2	Scope of Practice	<ul style="list-style-type: none"> The scope of practice delineates the parameters of the specific practice. 	
3	Clinical Performance Standards	<ul style="list-style-type: none"> The clinical performance standards define the activities of the individual responsible for the care of patients and delivery of diagnostic or therapeutic procedures. The section incorporates patient assessment and management with procedural analysis, performance and evaluation. 	
4	Quality Performance Standards	<ul style="list-style-type: none"> The quality performance standards define the activities of the individual in the technical areas of performance, such as equipment and material assessment safety standards and total quality management. 	
5	Professional Performance Standards	<ul style="list-style-type: none"> The professional performance standards define the activities of the individual in the areas of education, interpersonal relationships, self-assessment and ethical behavior. 	
6	Advisory Opinion Statements	<ul style="list-style-type: none"> The advisory opinions are interpretations of the standards intended for clarification and guidance of specific practice issues. 	

Teaching Methodology:

1. Field training
2. A sheet for evaluating practical skills and competencies.

Text Books & References:

1. Adaptive Radiography with Trauma, Image Critique and Critical Thinking, by Quinn Carroll, Dennis Bowman Cengage Learnin, 2013.
2. Digital Imaging:A Primer for Radiographers, Radiologists and Health Care Professionals, by Jason Oakley, 2003.
3. Quality Assurance Workbook for Radiographers and Radiological Technologists,by P.J. Lloyd, 2001.
4. Patient Care in Radiography - E-Book: With an Introduction to Medical Imaging,byRuth Ann Ehrlich•Dawn M Coakes,2016.
5. Clinical Radiology: The Essentials, byRichard H. Daffner•Matthew Hartman,4th Edition 2013.
6. Skeletal Radiology: The Bare Bones, by Felix S. Chew,3rd Edition 2012.
7. The Practice of Radiology Education: Challenges and Trends, by لمحررون: Teresa van Deven•Kathryn M. Hibbert•Rethy K. Chhem.2009.

