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

Course information	
Course Title	Principles of Radiological Diagnosis
Course Code	110508443
Prerequisites	-
Credit Hours	3

Course Description

Understanding the basic principles of pathology is an essential part of the radiologic technologist's training. Knowing how disease processes work and recognizing the radiographic appearance of specific disease can aid the technologist in selecting proper modalities and determining the proper imaging technique.

Course Objectives

By the end of this course, the student is expected to:

1. Know different imaging modalities and describe the advantages of the digital imaging system over the conventional one
2. Understanding body reactions to local injury
3. Describe the pathphysiology, signs and symptoms, and the diagnostic tests for selected pathologies of:
   a) Osseos system
   b) Abdomen and GI tract
   c) Urinary system
   d) Chest and mediastinum
   e) Head and neck
4. Recognize these pathologies on radiographs
5. Explain the effect of these pathologies on production of optimally diagnostic radiographs.

Course content

1- Introduction to the course
2- Osseos system
3- Abdomen and GI system
4- Urinary system
5- Chest and mediastinum
6- Head and neck

Recommended Textbook	
Title	Comprehensive radiographic pathology
Author	Ronal L. Eisenberg and Nancy M. Johnson
Publisher	Mosby
Year	2007
Edition	
Book website	
Other References	
Title	Basic Bone Radiology
Author	Griffiths, Harry.. Norwalk
Publisher	Appleton century-Crofts
Year	
Edition	

Assessment	
First Exam	25%
Second Exam	25%
In course assessment	10%
Final Exam	40%