

Master Syllabus

RAT 2415 - Radiographic Pathology

Division: Health Sciences

Department: Radiologic Technology

Credit Hour Total: 3.0 **Lecture Hrs:** 3.0

Other Prerequisite(s): Restricted to Majors

Date Revised: February 2014

Course Description:

Introductory concepts of disease processes and etiologies with emphasis on radiographic appearances and exposure factor compensation.

General Education Outcomes:

- Critical Thinking/Problem Solving Competency

Course Outcomes:

Radiographic practice

Explain the importance of understanding disease processes and their impact on radiographic procedures.

Assessment Method: Behavioral observations

Performance Criteria: Active classroom discussion

Assessment Method: Locally developed exams

Performance Criteria: 71% or higher achieved

Exposure factor selection

Compensate exposure factors for various disease processes to maximize diagnostic image quality.

Assessment Method: Locally developed exams

Performance Criteria: 71% or higher achieved

Radiographic appearance of pathologies

Identify radiographic appearances of various diseases.

Assessment Method: Locally developed exams

Performance Criteria: 71% or higher achieved

Disease processes

Describe various disease processes and associated etiologies.

Assessment Method: Locally developed exams

Performance Criteria: 71% or higher achieved

Outline:

Introduction to disease processes

Inflammatory response

Common diseases and image considerations with: respiratory, cardiovascular, skeletal, gastrointestinal, urinary, endocrine, and central nervous system.