RADT 65 Course Outline as of Fall 1981

CATALOG INFORMATION

Dept and Nbr: RADT 65 Title: PATHOLOGY
Full Title: Pathology
Last Reviewed: 9/25/2023

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	2.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	2.00	Lab Scheduled	0	17.5	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	2.00		Contact Total	35.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00 Total Student Learning Hours: 105.00

Title 5 Category:	AA Degree Applicable
Grading:	Grade Only
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	

Catalog Description:
Normal variations and abnormal changes due to disease as manifested by x-rays. Modifications of standard and special techniques necessary to obtain adequate diagnostic x-ray studies of various diseases. Students draw upon principles of anatomy and physiology and apply these in theoretical discussions and practice in problems with positioning.

Prerequisites/Corequisites:
Admission to the Radiologic Technology Program or possession of licensure as a Radiologic Technologist; completion of RT 63B.

Recommended Preparation:

Limits on Enrollment:

Schedule of Classes Information:
Description: Normal variations and abnormal images due to disease as manifested by x- rays. (Grade Only)
Prerequisites/Corequisites: Admission to the Radiologic Technology Program or possession of licensure as a Radiologic Technologist; completion of RT 63B.

Recommended:
Limits on Enrollment:
Transfer Credit: CSU;
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**			Effective:	Inactive:
CSU GE:	**Transfer Area**			Effective:	Inactive:
IGETC:	**Transfer Area**			Effective:	Inactive:
CSU Transfer:	Transferable	Effective:	Fall 1981	Inactive:	
UC Transfer:		Effective:		Inactive:	

CID:

Certificate/Major Applicable:
Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:
The students will:
1. Produce a significant research paper on the subject of radiologic technology.
2. Identify signs of pathology when tested on radiographs of common procedures.
3. Cite three general methods of recognizing pathological conditions as demonstrated on radiographs.
4. Evaluate radiographs and demonstrate proficiency in making appropriate technique adjustment particular to a disease.

Topics and Scope:

1. General and specific pathology as shown on radiographs and in the field of radiologic technology.
2. Diagnostic imaging modalities.
   A. Ultrasonography.
   B. Nuclear medicine.
   C. Magnetic resonance imaging.
3. Radiation therapy, education and career choice.
4. Overview of radiologic pathology as lectured by radiologists and other experts.
5. Current technical advancements in the diagnostic imaging.
   A. Interventional radiology.
   B. Therapeutic radiology

A series of guest lecturers on radiographic pathology covering the normal variations and abnormal changes due to disease or trauma as manifested by x-rays; the modifications of standard and special techniques necessary to

obtain optimum diagnostic x-ray studies and various modalities in diagnost ic imaging used in diagnosis and treatment of pathologies.

Assignment:

1. Ten page term paper on a case study or scientific subject pertaining to radiologic technology.
2. Weekly reading, written or other assignments

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Term papers, TEN-PAGE RESEARCH PAPER	Writing 50 - 70%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Lab reports, PRESENTATION OF PATHOLOGY CASE	Problem solving 10 - 20%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None	Skill Demonstrations 0 - 0%

Exams: All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items	Exams 10 - 20%

Other: Includes any assessment tools that do not logically fit into the above categories.

None	Other Category 0 - 0%

Representative Textbooks and Materials:
Radiologic Pathology for Technologists -R. Eisenberg - current edition