RADT 65 Course Outline as of Fall 2014

CATALOG INFORMATION

Dept and Nbr: RADT 65 Title: PATHOLOGY IN RADIOLOGY
Full Title: Pathology in Radiology
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:
All aspects of radiographic pathology, including normal variations and abnormal changes due to diseases and trauma.

Prerequisites/Corequisites:
Course Completion of RADT 63B and Concurrent Enrollment in RADT 62BL and Concurrent Enrollment in RADT 66

Recommended Preparation:

Limits on Enrollment:

Schedule of Classes Information:
Description: All aspects of radiographic pathology, including normal variations and abnormal changes due to diseases and trauma. (Grade Only)
Prerequisites/Corequisites: Course Completion of RADT 63B and Concurrent Enrollment in RADT 62BL and Concurrent Enrollment in RADT 66
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:
Both Certificate and Major Applicable

COURSE CONTENT

Outcomes and Objectives:
Upon completion of this course students will be able to:
1. Create a literary review on an appropriate topic within the scope of medical imaging practices using the American Medical Association (AMA) style.
2. Recognize common pathological conditions and processes on radiographic images of the gastrointestinal, genitourinary, musculoskeletal, nervous, respiratory, and circulatory systems.
3. Identify trauma to bones and soft tissue on radiographic images.
4. Recognize common pathological conditions on radiographs of pediatric cases.

Topics and Scope:

1. Radiographic pathology.
 A. Variations of normal
  I. Adult
  II. Pediatric
 B. Diseases
 C. Trauma
 D. Manifestations on images
2. Radiographic anatomy and related pathology.
 A. Central nervous system
 B. Musculoskeletal
 C. Endocrinology
 D. Pulmonary
 E. Cardiology
 F. Gastrointestinal system
 G. Urinary system
 H. Hepatobiliary system
 I. Hemopoietic system
 J. Reproductive system
3. American Medical Association Style

A. Research methodology
B. Reference list
C. Presentation style
4. Modifications of standard and special techniques necessary to obtain optimum diagnostic radiographic studies.

Assignment:

1. Research paper on a pathological condition case study or scientific subject pertaining to medical imaging.
2. Weekly chapter readings (20-30 pages/week).
3. Quizzes (6-8).
4. Midterm exam.
5. Final exam.

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.

Research paper	Writing 30 - 70%

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

None	Problem solving 0 - 0%

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.

quizzes, midterm exam, final exam	Exams 25 - 60%

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

Attendance and participation	Other Category 5 - 10%

Representative Textbooks and Materials:
Radiographic Pathology for Technologists (6th), Kowalczyk, Nina, Elsevier, Mosby 2013