RADT 61B Course Outline as of Spring 2015

CATALOG INFORMATION

Dept and Nbr: RADT 61B Title: RAD POSITIONING 2
Full Title: Radiographic Positioning 2
Last Reviewed: 4/24/2023

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	3.00	Lab Scheduled	3.00	17	Lab Scheduled	52.50
		Contact DHR	0		Contact DHR	0
		Contact Total	5.00		Contact Total	87.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00 Total Student Learning Hours: 157.50

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:
Radiographic anatomy, positioning, and image analysis. Instruction includes lecture, positioning demonstrations, and practice. Students learn to perform radiographic procedures of the digestive, urinary, spine, sternum, ribs, mammography, and cystogram, and to evaluate images for diagnostic quality.

Prerequisites/Corequisites:
Course Completion of RADT 61A and Concurrent Enrollment in RADT 61BL and RADT 63A

Recommended Preparation:

Limits on Enrollment:

Schedule of Classes Information:
Description: Radiographic anatomy, positioning, and image analysis. Instruction includes lecture, positioning demonstrations, and practice. Students learn to perform radiographic procedures of the digestive, urinary, spine, sternum, ribs, mammography, and cystogram, and to evaluate images for diagnostic quality. (Grade Only)
Prerequisites/Corequisites: Course Completion of RADT 61A and Concurrent Enrollment in

RADT 61BL and RADT 63A
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:
At the completion of this course students will be able to:
1. Correctly perform positioning of the entire vertebral column, and urinary system, sternum, mammography, upper and lower intestinal tract, and ribs.
2. Manipulate the radiographic equipment and accessories.
3. Practice safe radiation for patients, self, and others.
4. Name anatomical structures on radiographic images.
5. Identify the criteria of proper positioning of body parts on images.
6. Demonstrate proper body mechanics.

Topics and Scope:

1. Positioning demonstrations and practice of:
   A. Cervical, thoracic and lumbar spine
   B. Sacrum and coccyx, sternum
   C. Upper gastrointestinal tract,
   D. Lower gastrointestinal tract
   E. Urinary system
   F. Mammography, ribs, and sternum
2. Principles of radiation protection for patient, technologist, and other personnel
3. Evaluation of images for technical critique, positioning critique, pathology identification, acceptance criteria
4. Body mechanics
   A. Principle
   B. Practice

Assignment:

1. Reading and study of 10 - 15 anatomy and positioning modules.
2. Completion of 4 - 5 applied medical terminology definitions.
3. Completion of 6 -8 image analyses.
4. Completion of positioning check-offs (not graded).
5. Completion of 4 - 6 quizzes.
6. Completion of a final practical 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.

Image analyses, term papers	Writing 10 - 30%

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.

Performance exams, Practical final exam	Skill Demonstrations 30 - 40%

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

Quizzes	Exams 30 - 40%

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:
Merrill's Atlas of Radiographic Positions and Radiologic Procedures, Frank, E., 2012
Instructor prepared materials