RADT 61B Course Outline as of Fall 1981

CATALOG INFORMATION

Dept and Nbr: RADT 61B Title: RADIO POSITIONING
Full Title: Radiographic Positioning
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	17.5	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 film critique. Instruction includes classroom lecture, positioning demos and practice, and self-paced, individualized study utilizing audio-visual and software programs. Students learn to perform radiologic procedures in effective and safe manners, as well as to evaluate radiographs for positioning purposes.

Prerequisites/Corequisites:
Admission to the Radiologic Technology program or possession of licensure as a Radiologic Technologist; RAD T 61A.

Recommended Preparation:
Multi-Media equipment knowledge.

Limits on Enrollment:

Schedule of Classes Information:
Description: Self-paced, individualized instruction using multi-media accompanied by classroom/lab demos and practice. (Grade Only)
Prerequisites/Corequisites: Admission to the Radiologic Technology program or possession of licensure as a Radiologic Technologist; RAD T 61A.

Recommended: Multi-Media equipment knowledge.
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. Demonstrate correct procedure in positioning for the entire vertebral column, alimentary canal, biliary system, urinary system, sternum, mammography lower intestinal tract and ribs.
2. Demonstrate ability to correctly manipulate the radiographic equipment.
3. Demonstrate ability to correctly position patients.
4. Demonstrate observance of safety practices.
5. Demonstrate radiation protection measures to patients and staff.
6. Describe proper nomenclature of radiographs of all above mentioned body parts with and without contrast media.

Topics and Scope:

1. Principles of anatomy and normal variances of: cervical spine, thoracic spine, lumbar spine, sacrum and coccyx, sternum, upper gastrointestinal tract, lower gastrointestinal tract, biliary system, urinary system, mammography and ribs.
2. Principles of radiation protection for patient, technologist, and other personnel.
3. Reading of radiographs for technical critique, positioning critique, pathology identification, acceptance criteria.

Assignment:

1. Eleven pages of medical term definitions.
2. Ten critiques of twelve questions each.

3. Eight modules of self-paced, individualized instruction.
4. Six quizzes of fifteen questions each.

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.

11 MEDICAL TERM. DEFINITIONS	Writing 10 - 20%

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

Homework problems, Quizzes, Exams, 11 MEDICAL TERM DEFINITIONS	Problem solving 30 - 50%

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

Class performances, Performance exams, LAB PERFORMANCE OF 30 POSITIONS	Skill Demonstrations 30 - 60%

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

Multiple choice, Matching items, Completion, FINAL PERFORMANCE OF 2 POSITONS	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:
RADIOGRAPHIC POSITIONING/PROCEDURES, current edition.
MERRILL'S POCKET BOOK OF RADIOGRAPHIC POSITIONS by P. Ballinger, latest ed
RADIOGRAHIC POSITIONING STUDENT WORKBOOK by Anthony Bontrager,latest ed.