RADT 64L Course Outline as of Fall 2023

CATALOG INFORMATION

Dept and Nbr: RADT 64L Title: PATIENT CARE RAD LAB Full Title: Patient Care in Radiology Laboratory Last Reviewed: 5/8/2023

Units		Course Hours per Week]	Nbr of Weeks	Course Hours Total	
Maximum	2.00	Lecture Scheduled	1.00	17.5	Lecture Scheduled	17.50
Minimum	2.00	Lab Scheduled	3.00	17.5	Lab Scheduled	52.50
		Contact DHR	0		Contact DHR	0
		Contact Total	4.00		Contact Total	70.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 35.00

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:

Students will work in a laboratory demonstrating skills in a simulated clinical environment and practice of patient care skills required of the radiologic technologist.

Prerequisites/Corequisites:

Concurrent Enrollment in RADT 60, RADT 64, RADT 61A and RADT 71A (or formerly RADT 61.1AL)

Recommended Preparation:

Limits on Enrollment:

Acceptance in program

Schedule of Classes Information:

Description: Students will work in a laboratory demonstrating skills in a simulated clinical environment and practice of patient care skills required of the radiologic technologist. (Grade Only)

Prerequisites/Corequisites: Concurrent Enrollment in RADT 60, RADT 64, RADT 61A and RADT 71A (or formerly RADT 61.1AL) Recommended:

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

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

CID:

Certificate/Major Applicable:

Both Certificate and Major Applicable

COURSE CONTENT

Student Learning Outcomes:

At the conclusion of this course, the student should be able to:

- 1. Properly set up and work with sterile fields while maintaining proper aseptic techniques.
- 2. Handle patients using proper body mechanics and safe practices.
- 3. Perform patient care skills within the scope of practice of a radiologic technologist.

Objectives:

At the conclusion of this course, the student should be able to:

1. Demonstrate appropriate medical communication to patients and other personnel in a medical imaging department.

2. Demonstrate proper practices of body mechanics, medical and surgical asepsis, and infection control.

- 3. Demonstrate proper handling of drainage, endotracheal, urinary, and other tubes.
- 4. Obtain accurate vital signs.
- 5. Demonstrate safe transfer of patients.
- 6. Assist radiologist and radiologic technologist in the administration of barium enema,

emergency medications, contrast media and intravenous infusions.

Topics and Scope:

- I. Principles of Patient Care in Radiology
 - A. Communications
 - B. Body mechanics
 - C. Medical and surgical asepsis
 - D. Route of administration of barium enema, medications, and contrast media
 - E. Infection control
 - F. Isolation techniques
 - G. Vital signs assessment
 - H. Safe handling of tubes and intravenous pumps

- I. Patient transfer/transport
- J. Emergency response in radiology department
- K. Oxygen administration
- II. Laboratory Demonstration and Practice
 - A. Hand washing
 - B. Sterile gloving
 - C. Sterile gowning and gloving
 - D. Skin preparation
 - E. Medication preparation
 - F. Patient transfer
 - G. Sterile package opening
 - H. Barium enema
 - I. Vital signs
 - J. Intravenous tubing and set-up

All topics are covered in both the lecture and lab parts of the course except for Emergency response in radiology department which is only discussed in lecture.

Assignment:

Lecture-Related Assignments:

1. Reading from the textbook and instructor-prepared materials (10-20 pages/week)

Lab-Related Assignments:

1. Successful completion of 15-18 skill checkoffs in the laboratory (performance exams)

2. Attendance and participation

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.

None, This is a degree applicable course but assessment tools based on writing are not included because skill demonstrations are more appropriate for this course.

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

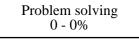
None

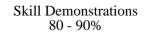
Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Performance exams, skills check-off

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

Writing 0 - 0%	





Exams		
0 -	0%	

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

Attendance and participation

Other Category 10 - 20%

Representative Textbooks and Materials:

Patient Care in Radiography. 10th ed. Ehrlich, Ruth and Coakes, Dawn. Elsevier. 2021. Introduction to Radiologic & Imaging Sciences & Patient Care. 7th ed. Adler, Arlene and Carlton, Richard. 2019. Instructor prepared materials