RADT 71D Course Outline as of Fall 2024

CATALOG INFORMATION

Dept and Nbr: RADT 71D Title: CLINICAL EXPERIENCE 4
Full Title: Clinical Experience 4
Last Reviewed: 9/25/2023

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	8.50	Lecture Scheduled	0	17.5	Lecture Scheduled	0
Minimum	8.50	Lab Scheduled	0	17.5	Lab Scheduled	0
		Contact DHR	26.00		Contact DHR	455.00
		Contact Total	26.00		Contact Total	455.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 0.00 Total Student Learning Hours: 455.00

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:
This is the fourth of six clinical course for students in the Radiologic Technology Program. Intermediate/advanced principles and skills are applied in the care of patients in assigned radiology departments under the direct supervision of a registered radiologic technologist for the completion of required clinical hours.

Prerequisites/Corequisites:
Course Completion of RADT 71C

Recommended Preparation:

Limits on Enrollment:
Acceptance to Program

Schedule of Classes Information:
Description: This is the fourth of six clinical course for students in the Radiologic Technology Program. Intermediate/advanced principles and skills are applied in the care of patients in assigned radiology departments under the direct supervision of a registered radiologic technologist for the completion of required clinical hours. (Grade Only)
Prerequisites/Corequisites: Course Completion of RADT 71C

Recommended:
Limits on Enrollment: Acceptance to Program
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 2016	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. Operate radiographic imaging equipment, and postion patients to perform radiographic examinations and procedures with a minimum of radiation exposure for the patient, self, and others at an increased level of competency.

Objectives:
At the conclusion of this course, the student should be able to:
1. Apply theoretical knowledge base, including physiological, pathophysiological, psychological, and social concepts, in providing care at the intermediate or advanced level.
2. Analyze patient care situations and apply appropriate care processes when assessing and gathering data related to patients' physical and mental conditions at the intermediate or advanced level.
3. Analyze patient care situations and apply appropriate care processes when collaborating with the radiologic technologist and physicians for imaging purposes at the intermediate or advanced level.
4. Communicate effectively in interactions with the health care team and with patients and their families at the intermediate or advanced level.
5. Practice within the Radiologic Technologist Scope of Practice of professional and ethical standards at the intermediate or advanced level.
6. Perform basic tasks expected of a radiologic technologist as a collaborating member of a multidisciplinary health care team at the intermediate or advanced level.
7. Demonstrate critical thinking behaviors in planning and implementing patient care and imaging protocols at the intermediate or advanced level.

Topics and Scope:

I. Orientation to the Clinical Setting

A. Physical environment
B. Fire, safety, disaster protocols, emergency codes, equipment
C. Policies and procedures

II. Computer Systems and Programs
A. Digital imaging
B. Health information system

III. Documentation Regarding Imaging Procedures

IV. Health Insurance Portability and Accountability Act (HIPAA)

V. Assignment Procedures
A. Room schedule
B. Rotation details

VI. Preparation for Patient Care

VII. Error Prevention
A. Image analysis
B. Critical thinking
C. Evaluation of image quality

VIII. Code of Ethics

IX. Patient Rights

X. Standard and Special Infection Control Procedures

XI. Physical Assessments to Individual Patients
A. Current medical problems
B. Potential complications

XII. Recognizing and Supporting Patients' Coping Strategies

XIII. Management of Imaging Procedures
A. Routines and protocols for procedures
B. Patient supervisions
C. Critical thinking and adaptation to patients' needs

XIV. Radiation Protection
A. Patients
B. Self
C. Other
D. As Low As Reasonably Achievable (ALARA)

XV. Clinical Competencies
A. Eleven mandatory from prescribed list
B. Two elective from a prescribed list

XVI. Basic Tasks of a Radiologic Technologist
A. Skill performance
B. Equipment use
C. Documentation

Assignment:

1. Completion of bi-weekly progress reports (8; not graded)
2. Completion of performance exams for mandatory clinical competencies (7 to include 1 C-arm procedure)
3. Completion of performance exams for elective competencies (3)
4. Completion of required clinical hours (minimum of 445 hours)
5. Completion of final clinical evaluation

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 problem solving assessments and skill demonstrations are more appropriate for this course.	Writing 0 - 0%

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

Final clinical evaluation	Problem solving 10 - 30%

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

Performance exams; all clinical competencies	Skill Demonstrations 50 - 60%

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

None	Exams 0 - 0%

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

Attendance and participation; completion of clinical hours requirement	Other Category 20 - 30%

Representative Textbooks and Materials:
SRJC Clinical Competency Handbook. Current edition.