

RADT 71F Course Outline as of Fall 2024**CATALOG INFORMATION**

Dept and Nbr: RADT 71F Title: CLINICAL EXPERIENCE 6

Full Title: Clinical Experience 6

Last Reviewed: 9/25/2023

Units	Course Hours per Week	Nbr of Weeks	Course Hours Total
Maximum 4.00	Lecture Scheduled	0 17.5	Lecture Scheduled 0
Minimum 4.00	Lab Scheduled	0 8	Lab Scheduled 0
	Contact DHR 12.00		Contact DHR 210.00
	Contact Total 12.00		Contact Total 210.00
	Non-contact DHR 0		Non-contact DHR 0

Total Out of Class Hours: 0.00

Total Student Learning Hours: 210.00

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 last of six clinical course for students in the Radiologic Technology Program. Advanced principles and skills are applied in the care of patients in assigned radiology departments under the direct supervision of a registered radiologic technologist.

Prerequisites/Corequisites:

Course Completion of RADT 71E

Recommended Preparation:**Limits on Enrollment:**

Acceptance to Program

Schedule of Classes Information:

Description: This is the last of six clinical course for students in the Radiologic Technology Program. Advanced principles and skills are applied in the care of patients in assigned radiology departments under the direct supervision of a registered radiologic technologist. (Grade Only)

Prerequisites/Corequisites: Course Completion of RADT 71E

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 accessory devices, position patients; modify standard procedures to accommodate for patient condition exposure factors, and other variables to perform radiographic examination and procedures with minimum radiation exposure for the patient, self, and others.
2. Perform tasks expected of an entry level radiologic technologist as a collaborating member of a multidisciplinary health care team.

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.
2. Analyze patient care situations and apply appropriate care processes when gathering and assessing data related to patients' physical and mental conditions.
3. Analyze patient care situations and apply appropriate care processes when collaborating with the radiologic technologist and physicians for imaging purposes.
4. Communicate and collaborate effectively in interactions with the health care team and with patients and their families.
5. Practice within the Radiologist Technologist Scope of Practice of professional and ethical standards.
6. Demonstrate critical thinking behaviors in planning and implementing patient care and imaging protocols.

Topics and Scope:

I. Orientation to Clinical Setting

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

1. Computer systems
 - a. Digital imaging
 - b. Health information system
 2. Documentation with regards to imaging procedures
 3. Health Insurance and Portability Assurance Act (HIPAA)
- II. Preparation for Patient Care
- A. Image analysis
 - B. Critical thinking
 - C. Evaluation of image quality
- III. Error Prevention
- A. Image analysis
 - B. Critical thinking
 - C. Evaluation of image quality
- IV. Code of Ethics
- V. Patient Rights
- VI. Standard and Special Infection Control Procedures
- VII. Physical Assessments to Individual Patients
- A. Current medical problems
 - B. Potential complications
- VIII. Recognizing and Supporting Patients' Coping Strategies
- IX. Management of Imaging Procedures
- A. Routines and protocols for procedures
 - B. Patient supervisions
 - C. Critical thinking and adaptation to patients' needs
- X. Radiation Protection
- A. Patients
 - B. Self
 - C. Others
 - D. As Low As Reasonably Achievable (ALARA)
- XI. Clinical Competencies
- A. Mandatory
 - B. Elective
- XII. Basic Tasks of a Radiologic Technologist
- A. Skill performance
 - B. Equipment use
 - C. Documentation

Assignment:

1. Completion of bi-weekly progress reports (3; not graded)
2. Completion of performance exams for mandatory clinical competencies (5)
3. Completion of performance exams for elective competencies (3)
4. Completion of required clinical hours (minimum of 210 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.