

**RADT 71B Course Outline as of Fall 2021****CATALOG INFORMATION**

Dept and Nbr: RADT 71B Title: CLINICAL EXPERIENCE 2

Full Title: Clinical Experience 2

Last Reviewed: 9/25/2023

Units	Course Hours per Week		Nbr of Weeks		Course Hours Total	
Maximum	6.00	Lecture Scheduled	0	17.5	Lecture Scheduled	0
Minimum	6.00	Lab Scheduled	0	17.5	Lab Scheduled	0
		Contact DHR	18.00		Contact DHR	315.00
		Contact Total	18.00		Contact Total	315.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 0.00

Total Student Learning Hours: 315.00

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 second clinical course in the Radiologic Technology Program. Fundamental 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 71A; AND Concurrent Enrollment in RADT 61B and RADT 63A

**Recommended Preparation:****Limits on Enrollment:**

Acceptance into Program

**Schedule of Classes Information:**

Description: This is the second clinical course in the Radiologic Technology Program. Fundamental 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 71A; AND Concurrent Enrollment in

RADT 61B and RADT 63A

Recommended:

Limits on Enrollment: Acceptance into Program

Transfer Credit: CSU;

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>CSU Transfer:</b>	Transferable	Effective: Fall 2016	Inactive:
<b>UC Transfer:</b>		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 including fluoroscopy, and position patients to perform radiographic examinations and procedures with minimum radiation exposure for the patient, self, and others.

**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 assessing/gathering data related to patients' physical and mental conditions.
3. Analyze patient care situations and apply appropriate care processes when collaborating with radiologic technologists and physicians for imaging purposes.
4. Communicate effectively in interactions with the health care team, and with patients and their families.
5. Perform basic tasks expected of a radiologic technologist as a collaborating member of a multidisciplinary health care team.
6. Demonstrate critical thinking behaviors in planning and implementing patient care and imaging protocols.

**Topics and Scope:**

- I. Orientation to clinical settings
  - A. Physical environment
  - B. Fire, safety, disaster protocols, emergency codes, 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. Assignment procedures
    - A. Room schedule
    - B. Rotation details
  - III. Preparation for patient care
  - IV. Error prevention
    - A. Image analysis
    - B. Critical thinking
    - C. Evaluation of image quality
  - V. Code of Ethics
  - VI. Patient Rights
  - VII. Standard and special infection control procedures
  - VIII. Physical assessments to individual patients
    - A. Current medical problems
    - B. Potential complications
  - IX. Recognizing and supporting patients' coping strategies
  - X. Management of imaging procedures
    - A. Routines and protocols for procedures
    - B. Patient supervision
    - C. Routines and protocols for fluoroscopic procedures
  - XI. Radiation Protection
    - A. Patients
    - B. Self
    - C. Others
    - D. As Low As Reasonably Achievable (ALARA)
  - XII. Competencies
    - A. Five mandatory:
      1. Gastrointestinal or Barium Enema
      2. Spine, including sacrum and coccyx
      3. Ribs, Gallbladder, Upper Gastrointestinal (UGI),
    - B. Two elective
      1. Ribs
      2. UGI
      3. Cystogram
  - XIII. Basic tasks of a radiologic technologist
    - A. Skill performance
    - B. Equipment use
    - C. Documentation

**Assignment:**

1. Five mandatory competencies: GI or BE, Spine
2. Two elective competencies from the following list: UGI, ribs, cystogram
3. Completion of 310 clinical hours
4. Completion of final clinical evaluations
5. Eight bi-weekly progress reports (not-graded)

## 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.

Field work, Clinical evaluation

Problem solving  
10 - 30%

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

Performance exams, Clinical competencies and final evaluation

Skill Demonstrations  
40 - 50%

**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 hours requirement

Other Category  
20 - 50%

## Representative Textbooks and Materials:

SRJC Clinical Competency Handbook, current edition