RADT 71E Course Outline as of Fall 2021

CATALOG INFORMATION

Dept and Nbr: RADT 71E Title: CLINICAL EXPERIENCE 5
Full Title: Clinical Experience 5
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	25.50		Contact DHR	446.25
		Contact Total	25.50		Contact Total	446.25
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 0.00 Total Student Learning Hours: 446.25

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 fifth clinical course in the Radiologic Technology Program. Fundamental and advanced principles and skills are applied in the care of patients in assigned radiology departments under the direct and indirect supervision of a registered radiologic technologist for the completion of required clinical hours.

Prerequisites/Corequisites:
Course Completion of RADT 71D and Concurrent Enrollment in RADT 66

Recommended Preparation:

Limits on Enrollment:
Acceptance into Program

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

RADT 66
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:

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. Using fundamental and advanced skills to operate radiographic imaging equipment, 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 the radiologic technologist and physicians for imaging purposes.
4. Communicate effectively in interactions with the health care team and with patients and their families.
5. Practice within the Radiologic Technologist Scope of Practice of professional/ethical standards.
6. Perform basic tasks expected of a radiologic technologist as a collaborating member of a multidisciplinary health care team.
7. 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 of 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 supervisions
C. Critical thinking and adaptation to patients' needs

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

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

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

Assignment:

1. Completion of 8 bi-weekly progress reports (not-graded)
2. Completion of competencies
3. Completion of 440 clinical hours
4. Completion of a 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.

Clinical evaluation	Problem solving 10 - 30%

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

Class performances, Performance exams, Clinical competencies and final evaluation	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 hours requirement	Other Category 20 - 30%

Representative Textbooks and Materials:
SRJC Clinical Competency Handbook, current edition.