SOUTHEAST COMMUNITY COLLEGE
HEALTH SCIENCES DIVISION
RADIOLOGIC TECHNOLOGY
Revision Date: 8/2023

I. CATALOG DESCRIPTION

Course Number:	**RADT 2269**
Course Title:	**Clinical Education 6**
Prerequisite(s):	**RADT 2249**
Catalog Description:	**Increase proficiency of clinical skills and patient care. Rotating shifts and site assignments and advanced modality rotations. Option for overnight or on-call shifts. Performance of venipuncture, vital signs, and sterile technique. Competency evaluations of advanced chest and abdomen exams, upper extremity, lower extremity, spine, bony thorax, cranial, pediatric, trauma, mobile, advanced GI and GU and orthopedic contrast procedures, and surgery exams. Completion of ARRT required competencies.**
Credit Hours:	**5**
Clinical Hours:	**225**
Lab Hours:	**0**
Total Contact Hours:	**225**

II. COURSE OBJECTIVES: *Course will:*

1. Advance student performance at all assigned clinical sites.
2. Prepare the student to perform advanced fluoroscopic, surgical, and radiographic procedures.
3. Prepare student to demonstrate competency and proficiency in routine and advanced radiographic procedures.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

A. STUDENT LEARNING OUTCOMES: *Student will be able to:*

1. Complete clinical assignments with a minimum of 75%.
2. Complete clinical competency grades with minimum of 85%.
3. Adhere to all program and clinical site policies.

B. GENERAL EDUCATION LEARNING OUTCOMES (GELOS)

GELO #6: Career and Life Skills

Outcomes:

#1 Employ effective interpersonal and intrapersonal communication skills.

IV. CONTENT/TOPICAL OUTLINE (*course outline may provide more detailed information)*

A. ORIENTATION

1. Clinical Site
2. Radiology Department

B. FLUOROSCOPY

1. Equipment Operation
2. Assist Technologist
3. Perform Routine and Advanced Procedures

C. GENERAL RADIOGRAPHY

1. Equipment Operation
2. Assist Technologist
3. Perform Routine Procedures

D. PORTABLE RADIOGRAPHY

1. Equipment Operation
2. Assist Technologist
3. Perform Routine and Advanced Procedures

E. SURGERY

1. Surgical Dress
2. Routine Procedures
3. Aseptic Techniques
4. Manipulation of Equipment
5. Performance of Exams

F. OFFICE

1. Requisitions
2. Computer Functions
3. Phone Etiquette

G. DIGITAL RADIOGRAPHY

1. Technical Aspects
2. Applications

H. EXPERIENCE

1. Fluoroscopy Procedures
2. C-arm Procedures
3. Preparing and Injecting Contrast Media
4. Enema Administration
5. Weekend and Evening Rotations
6. Clinic Rotations (where available)
7. Modality Rotations

I. ROTATIONS

1. Office
2. Surgery
3. Routine Procedures
4. Equipment
5. Other

J. MODALITIES

1. Interventional Radiographic Procedures
2. Other Clinical Site Rotation
3. Computed Tomography
4. Nuclear Medicine
5. Sonography (general, echo, vascular)
6. Radiation Therapy
7. Orthopedic Procedures
8. Magnetic Resonance Imaging
9. Cardiovascular Lab
10. Mammography/DEXA

J. PATIENT CARE

1. Taking Clinical Data
2. Ensure Patient Comfort and Modesty
3. HIPAA

K. IMAGE EVALUATION

1. Chest
2. Proximal and Distal Upper Extremity
3. Shoulder Girdle
4. Proximal and Distal Lower Extremity
5. Pelvis/Hip
6. Femur
7. KUB
8. Upper and Lower GI Contrast Studies
9. Urinary/Nephro Contrast Studies
10. Bony Thorax and Ribs
11. Skull
12. Spine
13. Facial Bones

14. Sinus
15. Trauma and Mobile Imaging
16. Pediatric Imaging
17. Special Radiographic Procedures

L. PROFESSIONALISM

1. Attire
2. Attendance
3. Attitude

M. GENERAL REQUIREMENTS FOR SIXTH TERM

1. Department Procedure and Policy Manual
2. Portable Radiography
3. C-Arm Procedures and Manipulation
4. Written Assignments
5. Tomo/Panorex
6. Daily Clinical Log
7. Venipuncture
8. Attend Professional Requirements
9. Skills Assessment
10. Senior Reflection Worksheet
11. Sterile Technique Setup

V. INSTRUCTIONAL MATERIALS

Required Text(s):

Faculty authored student handbook
ARRT Competency Documentation Booklet

VI. METHODS OF PRESENTATION/INSTRUCTION

A. Please see course CID for methods of evaluation.

SCC STANDARD GRADING SCALE POLICY:

A+	**95-100**	**C+**	**75-79**
A	**90-94**	**C**	**70-74**
B+	**85-89**	**D+**	**65-69**
B	**80-84**	**D**	**60-64**
		F	**Below 60**

VIII. SPECIFIC COURSE REQUIREMENTS

* Must have minimum grade of 75% to pass the course.
* Must have minimum competency of 85% in radiographic procedures.