

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

I. CATALOG DESCRIPTION

Course Number: RADT 1114
Course Title: Principles of Patient Care
Prerequisite(s): Program Admission

Catalog Description: Introduction to the Radiology Program and Healthcare. Discussion of the healthcare environment, patient interactions, transfers; physical evaluation. Application of communication, procedural terminology, clinical data, infection control, law, ethics, and pharmacology in the radiography practice. Psychological, social, and economic needs of diverse populations in healthcare.

Credit Hours: 2
Class Hours: 23
Lab Hours: 23
Total Contact Hours: 46

II. COURSE OBJECTIVES: *Course will:*

1. Recognize the responsibilities of the hospital team members.
2. Identify their role as a student technologist and as a member of the healthcare team.
3. Demonstrate professional behaviors.
4. Practice appropriate patient care and communication techniques.
5. Identify legal and ethical aspects of the Imaging Sciences.
6. Recognize Pharmacology concepts associated with Imaging Sciences.

Note: Unit objectives are located in the learning management system within each unit of study.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

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

1. Participate in lab activities to correlate didactic learning with clinical practice.
2. Correlate patient care principles with clinical practice.
3. Understand the roles of medical professionals in the clinical environment.
4. Correlate law with practice in the imaging sciences.
5. Understand safe practices for pharmaceuticals in the imaging sciences.

B. GENERAL EDUCATION LEARNING OUTCOMES

GELO 3: Critical Thinking & Problem Solving

OUTCOME: The student will evaluate the validity of arguments, alternatives, data, outcomes, and/or impacts of actions.

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

A. HEALTH PROFESSIONS AND THE HEALTHCARE ENVIRONMENT

1. Health Professions
2. Professional Development and Standards

3. Clinical Practice
4. Health Insurance Portability and Accountability Act (HIPAA) and Confidentiality
5. Student Practice Standards
6. Program Policies

B. PATIENT INTERACTIONS

1. Radiology Practice Standards
2. Personal Values and Impact on Patient Care
3. Culture and Diversity
4. Patient Prep for Radiology Procedures
5. Patient Communication
6. Clinical History
7. Evaluation of Physical Needs

C. MEDICAL EQUIPMENT

1. Chest Tubes
2. Oxygen and Suction
3. Patient Monitors
4. Respiratory Equipment
5. Urinary Collection
6. Ostomies

D. PATIENT SAFETY

1. Patient Transfers
2. Oxygen Procedures
3. Infection Control
4. Patient Identification
5. Medical Emergencies
6. MR Safety
7. Radiation Protection
8. Incident Reporting

E. PHARMACOLOGY

1. Pharmaceuticals and Radiography
2. Contrast Agents
3. Use of Contrast Agents
4. Drug Safety
5. Venipuncture Procedure

F. LAW AND ETHICS IN RADIOGRAPHY

1. Medicolegal Terminology
2. Medical Records
3. Health Insurance Portability and Accountability Act (HIPAA) Regulations
4. Bioethics
5. Legal Doctrines
6. Scope of Practice

V. INSTRUCTIONAL MATERIALS

A. Required Text(s):

Adler, Arlene M., Carlton, Richard R. *Radiologic Sciences and Patient Care*. Elsevier, Inc., latest edition.

Bontrager, Kenneth L., Lampignano, John P. *Radiologic Positioning and Related Anatomy*. Elsevier, latest edition.

Bontrager, Kenneth L., Lampignano, John P. *Radiologic Positioning and Related Anatomy Workbook*. Mosby Elsevier, latest edition.

B. Other Resources:
Course Study Guide

VI. METHODS OF PRESENTATION/INSTRUCTION

A. Methods of presentation typically include a combination of the following:

1. Lecture
2. Lab
3. Demonstrations
4. Worksheets
5. Learning Activities/Games
6. Handout Materials
7. Online Learning Activities
8. Presentations
9. Case Studies/ Group Work
10. Guest Presenters
11. Video Presentations
12. Power Point

VII. METHODS OF EVALUATION

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

- A. ATTENDANCE:** Attendance is crucial to the success of this course. Any class missed could mean valuable missed information which is difficult to obtain. Please notify the instructor of any pending absences or if you will be late for class. Excessive absences may result in failing the course.
- B. PROGRAM COURSES:** Must pass all program courses with a 75% to progress to the next term.

See Course Information Document for specific course policies related to grading, expectations, assignments, assessments, and participation.