R T 54A: BASIC PATIENT CARE FOR IMAGING TECHNOLOGY

Foothill College Course Outline of Record

Heading	Value
Effective Term:	Summer 2021
Units:	2
Hours:	2 lecture per week (24 total per quarter)
Prerequisite:	R T 50.
Advisory:	Not open to students with credit in R T 50B.
Degree & Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Student Learning Outcomes

- Describe the methods for the prevention of infection to the health care worker and the patient.
- Describe vital signs used to assess patient condition.

Description

Basic concepts of patient care, including consideration for the physical and psychological needs of the patient and family. Routine and emergency patient care procedures and techniques as well as infection control protocols. Intended for students in the Radiologic Technology Program; enrollment is limited to students accepted in the program.

Course Objectives

The student will be able to:
A. Identify patient situations that require critical thinking and problem-solving skills.
B. Analyze effective methods of communicating with patients of various ages.
C. Explain sources and modes of transmission of infection and disease.
D. Describe the basic physical assistance and transfer techniques used in radiology departments.
E. Explain the appropriate procedures for handling patients with various medical emergencies.
F. Demonstrate proper PPE usage.
G. Accurately take vital signs.

Course Content

A. Critical thinking and problem-solving
1. Definition
2. Steps
3. Clinical application
B. Interpersonal communication
1. Modes of communication
a. Verbal/written
b. Nonverbal
2. Challenges in communication
3. Patient education
a. Explanation of current procedure
b. Respond to inquiries
C. Infection control
1. Terminology and basic concepts
a. Asepsis
b. Pathogens
2. Cycle of infection
a. Pathogen
b. Source or reservoir of infection
c. Susceptible host
d. Method of transmission
3. Standard precautions
a. Handwashing
b. Gloves/gowns
c. Masks
d. Medical asepsis
4. Additional or transmission-based precautions
a. Airborne
b. Droplet
c. Contact
5. Disposal of contaminated materials
a. Linens
b. Needles
c. Patient supplies
D. Physical assistance and transfer
1. Patient transfer and movement
2. Assisting patients with medical equipment
3. Routine monitoring
a. Equipment
b. Vital signs
c. Physical signs and symptoms
d. Documentation
E. Medical emergencies
1. Allergic reactions
2. Cardiac or respiratory arrest
3. Physical injury or trauma
4. Other medical disorders

Lab Content

Not applicable.

Special Facilities and/or Equipment

Classroom with multimedia equipment and internet access.

Method(s) of Evaluation

Methods of Evaluation may include but are not limited to the following:

In-class activities
Quizzes
Midterms
Assignments
Final examination

Method(s) of Instruction

Methods of Instruction may include but are not limited to the following:

Lecture
Discussion

Demonstration
Group activities

Representative Text(s) and Other Materials

Torres, Lillian. Patient Care in Imaging Technology, 9th ed.. 2019.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

A. Weekly reading assignment from course syllabus and textbook, approximately 15-20 pages.
B. Writing assignments that relate to the topic being discussed, one page in length.

Discipline(s)

Radiological Technology