

Course Objectives/Course Outline
Spokane Community College

Course Title: Patient Care and Ethics I

Prefix and Course Number: RAD 113

Course Learning Outcomes:

By the end of this course, a student should be able to:

- Apply the principles of the “Professional Performance Standards” and the “Standards of Ethics” for the radiology technologist
- Discriminate between the ethical and legal rights of the patient
- Demonstrate protocols for emergencies—fire, bomb threat, respiratory and cardiac arrest, traumas, etc.
- Demonstrate care for the patient’s physical and emotional needs through skilled communication techniques
- Apply the principles of interpersonal relationships pertaining to patients, co-workers, physicians, and the healthcare team
- Apply the principles of confidentiality
- Demonstrate the principles of sterile techniques
- Demonstrate self-care concepts such as proper body mechanics, prevention of exposure to blood and body fluids, and malpractice prevention

Course Outline:

- I. Introduction
 - A. Ethics
 - B. Getting Started
- II. Professional Issues in Radiology Technology
 - A. Criteria for the Profession
 - B. The Healthcare Team
 - C. Professional Ethics
 - D. Legal Issues in Radiology Technology
 - E. Medical Records
- III. Emergency Situations
 - A. Departmental Procedures
 - B. Codes and No Codes
- IV. The Patient in Radiographic Imaging
 - A. Basic Human Needs
 - B. Communication
 - C. Loss and Grief
 - D. Patient Rights
- V. Surgical Asepsis
 - A. Sterilization Methods
 - B. Disinfection
 - C. Rules for Surgical Asepsis
 - D. Aseptic Skills
 - E. OR Radiographs
 - F. Skin Prep and Dressings

- VI. Infection Control
 - A. Infection
 - B. AIDS
 - C. Standard Precautions—Exposure Control Plan
 - D. Isolation Precautions
- VII. Basic Patient Care and Safety
 - A. Care of Patient's Personal Belongings
 - B. Body Mechanics
 - C. Immobilizers
 - D. Patient Positioning
 - E. Assisting Patients
 - F. Skin Care
 - G. Casts and Traction Devices
 - H. Bedpans and Urinals
 - I. Preventing Falls
 - J. Hazardous Wastes
- VIII. Vital Signs and Oxygen Administration
 - A. Vital Signs
 - B. Oxygen Therapy
- IX. Medical Emergencies in Radiographic Imaging
 - A. Assessment
 - B. Shock
 - C. Pulmonary Embolus
 - D. Diabetic Emergencies
 - E. Cardiac/Respiratory Arrest and Airway Obstruction
 - F. CVA
 - G. Syncope
 - H. Seizures
- X. Care of Patients with Special Problems
 - A. Pediatric Patients
 - B. Geriatric Patients
 - C. Traumatic Injury Patients
 - D. Agitated/Confused Patients
 - E. The Intoxicated Patient
- XI. Alternative Medical Treatment
 - A. Nasogastric/Nasoenteric Tubes
 - B. Passage of Tubes
 - C. Emergency Suctioning
 - D. Tracheostomy Patients
 - E. Patients with Mechanical Ventilators
 - F. Patients with Chest-tube Drainage Systems
 - G. Tissue Drains
- XII. Patient Care during Urologic Procedures
 - A. Catheters
 - B. Female/Male Catheterization Techniques
 - C. Patient Hygiene and Education
 - D. Patient Transportation
 - E. Ureteral Stents
 - H. Alternative Methods of Urinary Drainage