

Southeast Community College
RADIOLOGIC TECHNOLOGY PROGRAM
TECHNICAL STANDARDS

These technical standards reflect abilities necessary for a student to complete the requirements of the radiography curriculum. Each prospective student should review these requirements to determine their abilities to successfully fulfill the clinical competency requirements and physical demands of the profession. **STUDENTS MUST BE ABLE TO FULFILL THESE REQUIREMENTS WITH OR WITHOUT REASONABLE ACCOMMODATIONS.**¹

Technical Standard I: Observation

- Must have the visual acuity to read, write, and assess the patient and the environment.
- Must be able to monitor and evaluate patient's vital signs including temperature, blood pressure, respirations, and pulse rate.

Technical Standard II: Communication

- Be able to communicate in the English language, both verbally/non-verbally and in written format with patients, family members, and hospital staff.
- Be able to communicate effectively with patients from different social and cultural backgrounds.
- Must have the ability to read, comprehend, and write legibly in the English language.
- Must have sufficient hearing to assess patient's needs, follow instructions, communicate with healthcare workers, and perceive, interpret and respond to various equipment signals.

Technical Standard III: Motor Function

- Must have the physical stamina to stand and walk for 8 hours or more, move from room to room, and maneuver in small spaces in a clinical setting.
- Must be able to work with arms fully extended and overhead and must be able to raise objects from a low to high position.
- Must be able to lift, push, pull or transfer heavy objects between 10-20 pounds on a routine basis, lift 25-50 pounds frequently, 50-100 pounds on occasion, and support up to 175 pounds when patient condition require.
- Must be able to bend, reach, stoop, stand, carry, pull, push, or support objects and patients during transfer from wheelchairs & carts to a table; to manipulate mobile &/or stationary radiographic equipment, and have the manual dexterity, mobility, and strength to perform CPR.
- Ability to apply and wear protective gloves for the purpose of universal or standard precautions.
- Manipulate equipment, position patients, and handle sterile supplies without compromise.
- Prepare needles and syringes.

Technical Standard IV: Intellectual-Conceptual, Integrative, and Quantitative Abilities

- Must be able to learn through a variety of methods such as classroom or online instruction, small group, team or collaborative activities, individual study, presentations, and computer technology.
- Must have the mental capacity to assimilate and learn complex, technical and detailed information.
- Must have the ability to deal with abstract and concrete variable issues, define problems, collect data, establish facts, and draw valid conclusions.
- Must have the ability to interpret instructions furnished in oral, written, or schedule form.

Technical Standard V: Behavioral and Social Attributes

- Must appear and display behaviors that are honest, reliable, trustworthy, patient, non-discriminatory, dependable, and law-abiding.
- Are controlled in stressful situations and use only language that would not offend others.
- Maintain appropriate standards of hygiene, dress, appearance, and public behavior.

Technical Standard VI: Ethical and Legal Standards

- Understand the basis and content of both general and medical ethics.
- Possess attributes that include compassion, empathy, altruism, integrity, responsibility and respect for individuals of different age, ethnic background, religion, and/or sexual orientation.
- Must adhere to the codes of confidentiality.

NOTE: ACADEMIC REQUIREMENTS ARE PUBLISHED IN THE COLLEGE CATALOG

¹ A **reasonable accommodation** is pre-approved assistance or changes to a requirement or expectation that will enable the student to participate and demonstrate competencies despite having a disability.