

PHYSICAL ABILITY STANDARDS FOR THE RADIOLOGIC TECHNOLOGY PROGRAM AT GREAT PLAINS TECHNOLOGY CENTER

In the interest of your own personal safety, the safety of your patients and the potential liability to the school, there are significant requirements that must be met before your admission to the program is finalized. The attendance requirements and stamina demands on the radiologic technology student require student technologists to be in good physical and mental health. Please read this form carefully and initial each technical issue standard if you can comply with the standard. When complete, please sign and date, and bring the original to the GPTC Counselors with your application.

ISSUE	DESCRIPTION	STANDARD	EXAMPLES OF NECESSARY ACTION	INITIAL
HEARING	Use of auditory sense Active Listening Oral Comprehension	Auditory ability sufficient to monitor & assess patient hear needs & understanding the speech of another person.	Ability to hear & respond to questions & directions from instructors, students, physicians, staff & patients in person or over the phone. Hear blood pressure.	
VISUAL	Use of sight & visualization Visual Color discrimination Near & Far vision	Visual ability sufficient for observation & assessment necessary in radiologic technology. Details of objects less & more than a few feet away. See differences between colors, shades, and brightness.	View & evaluate recorded images for the purpose of identifying proper patient positioning, accurate procedural sequencing, proper radiographic exposure, & technical qualities. Able to see & interpret medical & radiologic equipment readings.	
TACTILE	Use of touch Assisting and caring for others.	Tactile ability sufficient for physical assessment & assistance while operating radiographic & medical instruments & equipment. Hold arm & hand in one position & use hands to control objects, tools, or controls.	Perform patient assessment and positioning while operating complex radiographic equipment in a safe & accurate manner. Without any difficulty, able to read and comprehend radiologic &/or medical orders.	
MOBILITY	Performing general physical activities. Physical ability & stamina. Static strength Trunk Strength Dynamic Strength	Physical abilities & stamina sufficient to perform required functions of patient radiographic care. Stand or sit for long periods of time while repeating same movements or walking or running for long periods of time. Bending & twisting body muscles to lift, push, pull heavy objects.	Lift, carry, or move objects weighing up to 40 pounds. Stand for 85% of work time. Transfer, lift, & physically place patients in radiographic positions. Reach above shoulder level for 90% of work time. Move, adjust, and manipulate a variety of radiographic equipment. Lift 300 lb patients with assistance.	
MOTOR SKILLS	Physical ability, Multi limb & gross body coordination. Manual and finger dexterity. Control precision.	Gross & fine motor abilities sufficient to provide safe & effective patient care, repeats same movements to make quick precise machine control adjustments & use fingers or hands to grasp, move & assemble objects.	Execute the small muscle hand & finger motor movements required to safely perform Venipuncture & other patient care procedures.	
COMMUNICATION	Speech, reading, writing. Effective use of English language. Communication abilities sufficient for effective oral expression, speech clarity, & written communication.	Comprehension & accurate recall of verbal & written communication. Interaction with patients, families, students, instructors, physicians & staff. Speak clearly so that listeners can understand. Effectively understanding verbal & nonverbal behavior.	Concisely & precisely explain treatment & procedures; interpret patient's response & provide documentation following ethical and legal guidelines.	
INTERPERSONAL	Ability to relate to others with learning strategies, information gathering, service orientation, & idea evaluation.	Abilities sufficient to effectively interact with individuals, families, groups & colleagues from a variety of social, emotional, cultural, & economic backgrounds, identify needs of others. Express ideas clearly & use logic to determine strengths & weaknesses.	Establish rapport with patients, families, & colleagues. Able to maintain professional ethical & moral behavior & attitude under adverse conditions.	
BEHAVIORAL	Emotional & mental stability. Judgment & decision making.	Functions effectively under stress, understands new information or materials by studying & working with them. Concentrate & not be distracted while performing a task Judge the cost and benefits of a possible action.	Flexible, concern for others, Ability to provide a safe patient care environment with multiple interruptions, noises, distractions, & unexpected patient needs.	
CRITICAL THINKING	Ability to problem solve & problem sensitivity & originality.	Critical thinking ability sufficient for clinical judgment, and notice when something is wrong or likely to be wrong.	Identify cause-effect relationships in clinical situations.	

Print Name Legibly _____

Signature _____

Date _____

These standards are taken from & found in more detail at the following websites:

- www.okcis.intocareers.org/ Oklahoma Career information system – Radiologic Technologists
- www.occupationalinfo.org 078.362-026, Onet crosswalk, 32919 Radiologic Technologists

Counselors Initials _____

Date _____