

**Department of Radiation Sciences School of Allied Health Professions
Virginia Commonwealth University**

Technical Standards for Admission and Graduation

The VCU Department of Radiation Sciences is responsible for providing education without regard to disability while assuring that academic and technical standards are met. Academic standards are met by successfully completing the curriculum for the Bachelor of Science Degree in Clinical Radiation Sciences. Technical standards represent the essential non-academic requirements that a student must demonstrate to successfully participate in the Radiation Sciences degree program.

An applicant and candidate for the BS in Clinical Radiation Sciences degree must have demonstrated aptitude, abilities and skills in the following categories: sensory, communication, physical/mobility, cognitive, and behavioral/social. The technical standards for each category identified below are consistent with the expectations of Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, and Americans with Disabilities Act Amendments Act of 2008

Sensory

- Visual acuity to see objects beyond 20 ft. and within 20 inches
- depth perception to safely manipulate equipment
- accurately observe and distinguish subtle visual and auditory changes in the patient, health professional, and equipment
- sufficient tactile (touch) sensitivity to obtain information from patients by palpation and other diagnostic maneuvers

Communication

- ability to verbally communicate in the English language to elicit information from and provide information to patients and other health professionals
- ability to communicate in written English with patients and other health professionals
- ability to effectively communicate verbally under limited time constraints

Physical/Mobility

- ability to manipulate small objects with fingertips or adaptive devices
- physical dexterity to position equipment 6 feet above the ground
- the physical strength to lift 30-35 pounds shoulder height
- the physical strength to push and pull at least 100 pounds
- sufficient stamina to stand or walk for prolonged periods of time as required in the clinical setting
- the ability to physically bend, crouch or stoop for long periods of time in the clinical setting
- ability to safely maneuver in the clinical setting (for example, within small spaces)

Cognitive

- ability to comprehend and execute verbal and written communications in English
- ability to measure, calculate, reason, analyze, and synthesize to solve problems
- ability to recall, understand, and apply basic scientific principles and methods

Behavioral/Social

- ability to tolerate and function effectively under stress, time constraints, and distracting conditions for prolonged periods
- demonstrate integrity, responsibility, tolerance, and respect
- ability to adapt to changing environments and display flexibility in the practice setting