

Technical Standards

Individuals admitted to St. Cloud Hospital’s School of Radiologic technology must possess the capability to complete the entire curriculum and achieve a Baccalaureate of Science degree from their sending institution. The curriculum requires demonstrated proficiency in a variety of cognitive, problem-solving, manipulative, communicative and interpersonal skills. Therefore, applicants must review the following clinical standards to determine their ability and compatibility with the physical requirements of radiographers. If you have any questions regarding these standards or your ability to meet these standards, you should contact the Program Director at _____

Physical Activity Requirements

Occasional

- Crouching—positioning patients for exams and stocking supplies
- Repetitive motions—entering computer data
- Grasping—positioning patients for exams and procedures
- Pulling—moving items that can weigh as much as 100 pounds

Frequent

- Pushing—transporting patients in wheelchairs or on carts using 35 pounds of force. Moving portable and C-arm equipment with 35 pounds of force to areas of the hospital.
- Pulling—assisting and moving patients off and onto carts using 35 pounds of force.
- Lifting—moving patients (who can weigh more than 35 pounds) from wheelchairs/carts off and onto exam tables.
- Fingering—entering computer data and setting techniques for exams.
- Carrying—carrying imaging receptors that can weigh as much as 35 pounds.

Routine

- Stooping—positioning of exams and assisting patients in and out of wheelchairs.
- Reaching—positioning patients and manipulating portable equipment.
- Standing—all clinical assignments require standing.
- Walking—transporting and assisting patients into dressing/exam rooms. Walking to other areas of the department and hospital to do exams or have images interpreted.
- Talking—must be able to communicate verbally in an effective manner with patients, co-workers, and physicians.
- Hearing—perceiving the nature of sounds at normal range; ability to receive detailed information through oral communication, and to make fine discriminations in sound, during auscultation and percussion.
- Feeling—perceiving attributes of patients and objects such as when positioning patients for procedures or palpating veins for IV insertion.

Visual Acuity Requirements

- During clinical assignments, students are required to use a computer terminal and set the proper exposure techniques on the x-ray equipment.
- Clinical assignments require critiquing of radiographs.
- Clinical assignments require working with printed and/or written documentation.
- Students must be able to assess patient’s condition, i.e., color, respiration, motion, etc.

Intellectual and Emotional Requirements

- Students must be able to assess radiographs and determine diagnostic quality.
- Students must be able to make adaptations and respond with precise, quick and appropriate action during emergency situations.
- Students must maintain patient confidentiality.
- Students must be able to maintain a high standard of courtesy and cooperation in dealing with co-workers, patients, and visitors and satisfactory performances despite the stress of a hospital work environment.
- Students must be able to learn to analyze, synthesize, solve problems and reach evaluative judgment.
- Students are expected to be able to learn and perform routine radiographic procedures. In addition, students must have the mental and intellectual capacity to calculate and select proper technical exposure factors according to the individual needs of the patient and the requirements of the procedure’s standards of speed and accuracy.
- Students must be able to accept criticism and adopt appropriate modifications in their behavior.
- Students must demonstrate emotional health required for utilization of intellectual abilities and exercise good judgment.

Clinical Situations

- Students are subject to electrical, radiant energy, and chemical hazards.
- Persons in radiology sciences have been identified as having the likelihood of occupational exposure to blood or other potentially infectious materials and, therefore, are included in the OSHA Exposure Control Plan with its specifications to prevent contact with the above materials.

Do you have any physical or mental handicaps that would interfere with the satisfactory performance of the TECHNICAL STANDARDS identified above? Yes NO

Signature

Date