

## **Technical Standards Requirements for Zane State College RADT Program**

If a student needs accommodations to perform these tasks, it is the responsibility of the student to provide formal documentation of the disability so an attempt can be made to meet his or her needs.

Occasionally Radiographers must be able to:

- Crouch: To position patients for exams and stocking supplies
- Perform repetitive motions: To enter computer data
- Grasp: To position patients for exams and procedures
- Pull: To move equipment or supplies that can weigh as much as 50 pounds

Frequently Radiographers must be able to:

- Push: To transport patients in wheelchairs or on carts using 25 pounds of force. Move portable and C-arm equipment with 20 pounds of force to a variety of areas in the hospital or medical centers
- Pull: To assist and move patients off and onto carts using eight to 24 pounds of force
- Lift: To move patients (who can weigh more than 50 pounds) from wheelchairs/carts off and onto exam tables
- Use Fingers: To enter computer data and setting techniques for exams
- Carry: To carry cassettes or supplies that can weigh as much as 25 pounds

Constantly Radiographers must be able to:

- Stoop: To position for exams and assist patients in and out of wheelchairs
- Reach: To position patients and manipulate standard or portable equipment
- Stand: All clinical assignments require standing for long periods of time
- Walk: To transport and assist patients into dressing/exam rooms. Walk to other areas of the department and hospital to do exams or have films interpreted
- Feel: To perceive attributes of patients and objects such as when positioning patients for procedures

Communication Requirements - Radiographers must be able to:

- Talk: To speak clearly and concisely with patients, co-workers, and physicians in English when applicable using standard medical terminology
- Hear: To perceive the nature of sounds at normal range; includes the ability to receive detailed information through oral communication, and to make fine discriminations in sound, such as when taking blood pressure. Should hear faint sounds at a distance of 15 feet.
- Read: To read and interpret directions from physicians or one's supervisor
- Write: To prepare written documentation in appropriate English formats using standard medical terminology

Physical Demand Requirements – Radiographers must be able to:

- Heavy clinical assignments: Radiographers may exert up to 100 pounds of force occasionally, and/or up to 40 pounds of force frequently, and/or up to 20 pounds of force while performing exams and pushing carts, wheelchairs, and portable equipment

Visual Acuity Requirements

- Radiographers are required to use computer terminals and set the proper exposure techniques on the X-ray equipment
- Clinical assignments require visual assessment of radiographs
- Clinical assignments require working with printed and/or written documentation
- Radiographers must assess patient's condition, i.e., color, respiration, motion, etc
- Far vision correctable to 20/20 in one eye and 20/40 in the other.

Medical and Physical Requirements – Frequently Radiographers must be able to:

- Stretching, twisting, kneeling and crouching may be required to operate equipment and to reach some patient's body positions.
- Good manual dexterity is required to operate equipment position patients
- Work with arms overhead for an extended amount of time.

If a student needs accommodations to perform these tasks, it is the responsibility of the student to provide formal documentation of the disability so his or her needs can be met. No student or potential student will be denied admission into the RADT program due to disability, age, race, color, gender, sexual orientation, religion, national origin, or ancestry.