

ESSENTIAL FUNCTIONS OF A RADIOGRAPHY STUDENT

The Radiography faculty believes that the practice of radiography involves cognitive, sensory, affective, and psychomotor performance requirements. Therefore, the essential eligibility requirements for participants in the radiography program shall be further defined according to the following physical and emotional standards.

PHYSICAL AND EMOTIONAL STANDARDS*

Radiography students should possess and be able to demonstrate the following under the direction of a Registered Radiology Technology:

1. **Critical Thinking:** critical thinking ability sufficient for clinical judgment. For example: student must be able to identify cause-effect relationships in clinical situations; collect and analyze data to aid in problem solving; develop or participate in the development of clients' plans of care.
2. **Interpersonal Skills:** interpersonal abilities sufficient to interact with individuals, groups, etc. from a variety of social, emotional, cultural and intellectual backgrounds. For example: student shall establish rapport with client(s) and health care team members.
3. **Communication Skills:** communication abilities sufficient for interaction with others in verbal and written form. For example: explain radiographic procedures, initiate health teaching, document and interpret patient history and symptoms.
4. **Mobility:** physical abilities sufficient to move around the radiographic area, stand and walk for extensive periods of time. For example: moving around the radiographic table and movement and transporting of patient.
5. **Motor Skills:** gross and fine motor abilities sufficient to provide safe and effective radiographic care. For example: use equipment, document care, positions and move patients, and perform radiographic examination.
6. **Hearing:** auditory ability, sufficient to monitor and assess health needs. For example: hear emergency signals.
7. **Visual:** visual ability sufficient for observation and assessment necessary in radiographic care. For example: patient responses, posture, breathing, etc...
8. **Tactile:** tactile ability sufficient for radiological assessment. For example: perform palpation of pulse, radiographic landmarks, and angulation of body part.
9. **Weight-Bearing:** ability to lift and manipulate/move 30-40 pounds daily; ability to raise arms above head to manipulate equipment. For example: position patient(s), equipment.
10. **Cognitive Abilities:** ability to be oriented to time, place, and person; organize responsibilities, and make decisions. For example: student shall assess patient complaints relative to the examination, and document within the history.

EXAMPLES ARE NOT ALL INCLUSIVE

If a radiography student or applicant believes that he or she cannot meet one or more of the standards without accommodations or modifications, the college must determine, on an individual basis, whether or not the necessary accommodations or modifications can be made reasonably.

REFERENCES

Association of Community College Trustees, American Association of Community College, 1992.

Institute of Government, ADA, January 1993.

Southern Regional Education Board, Red Alert Statement, March 1993.