TECHNICAL STANDARDS

Cardiovascular Technologists and Cardiovascular Technology students must comply with the TECHNICAL STANDARDS in the field:

Speech, Hearing and Vision

- Be able to interact and communicate effectively - both orally and in writing with patients, physicians and other health care professionals
- Be able to read and accurately complete reports
- Be well-versed in medical terminology
- Be able to differentiate shades of gray and color
- Possess sufficient vision to delineate ill-defined structures, borders, anatomical structures and pathological abnormalities
- Possess hearing to differentiate Doppler signals

Physical Demands - Performance of noninvasive cardiology and noninvasive peripheral vascular studies involves standing, walking, and moving of heavy ultrasound equipment

- Be able to participate in all demonstrations, laboratory and clinical rotations
- Possess physical coordination to perform scanning with manipulation of the probe and changing of the knobs (eye-hand coordination)
- Possess a full range of body motion including handling, lifting and transfer of patients
- Possess fine motor functions (manual dexterity)
- Ability to sit or stand for extended periods of time (7-8 hours) per day
- Be aware of proper infection control, including precautionary procedures (all clinical settings)
- Recognize and respond to emergency situations (AHA healthcare provider BLS)
- Be familiar with, and in compliance with relevant laws regarding patient confidentiality and privacy

Mental Demands - Must possess the emotional health required for full utilization of intellectual abilities (appropriate medical judgment)

- Be able to solve daily operational problems related to performing exams, including troubleshooting equipment malfunctions
- Recognize any condition, in the echo or patient behavior that may pose an immediate threat to health or life (act appropriately)
- Be ready for the unpredictable (technical quality, unexpected findings) and exhibit flexibility, independent judgment and critical thinking