

**DELAWARE TECHNICAL COMMUNITY COLLEGE
Jack F. Owens Campus**

**Technical Standards Verification Form
DIAGNOSTIC MEDICAL SONOGRAPHY**

Dear prospective students:

Listed below are the technical standards identified for students in the Diagnostic Medical Sonography Program. Read each standard and respond that you meet the standard 100% or are unable to fully meet the standard by signing your initials in the appropriate column. Also, sign your name on the last page in option 1 or option 2. If you choose less than 100% to any standard you will need to schedule an appointment with the Diagnostic Medical Sonography Program Director to discuss your situation

**Diagnostic Medical Sonography is considered a strenuous profession.
In order to perform the duties of this profession, the student:**

TECHNICAL STANDARD	ABLE TO MEET STANDARD 100%	UNABLE TO MEET STANDARD
Must be able to stand and walk for 80% of clinical time.		
Must be able to assist, lift, and position patients for at least 20% of the clinical times.		
Has the verbal and written skills sufficient to respond promptly in communications with patients, co-workers, and physicians.		
The ability to discriminate among blacks, grays, and whites, and various color combinations that indicate blood flow on both display devices and recorded images (film and paper) is required for scan interpretation.		
Has sufficient sight to observe the condition of the patient while both at a distance and up close.		
Has verbal skills to instruct the patient while performing the duties of a medical sonographer.		
Has sufficient hearing to respond to patient needs and to interact with the patient, as well as respond to the audible sounds of the equipment.		
Is able to hear and observe clinical staff and patients in order to elicit information, perceive nonverbal communications, describe changes in mood, activity and posture, and recognize and respond to an emergency or urgent situation.		
Has sufficient motor skills to be able to respond to medical emergencies and to manipulate the equipment. These motor skills may include, but are not limited to the following:		
A. Extend the hands and arms in any direction.		
B. Seize, hold, grasp, turn and otherwise work with both hands.		
C. Pick, pinch or otherwise work with the fingers.		
D. Move the hand and foot coordinately with each other in accordance with visual stimuli.		
E. Have full use of both hands, wrists and shoulders involving the coordination of muscular movements, equilibrium, and sensation.		
F. Perform frequent lifting, carrying, pulling or pushing of object weighing 25 lbs or more.		

G. Lift and transfer patients to and from a stretcher safely, without injury to patient, self or other health care workers.		
Has intellectual and emotional skills to tolerate physical and emotional stress and continue to function effectively.		
Has ability to comprehend multi-dimensional relationships and the spatial relationships of anatomic structures.		
Has a high level of compassion for others, motivation to serve, integrity, and a consciousness of social values.		
Has the cognitive ability to perceive environmental threats and stresses dealing with them appropriately. Continues to function safely and effectively during high stress periods.		
Protect self and others from hazards in the health care environment, such hazards as infectious disease, contaminated equipment, sharps (particularly needles), and chemical fumes.		

DISCLAIMER

The above statement of criteria is not intended as a complete listing of behaviors required for Diagnostic Medical Sonography, but is a sampling of the types of abilities needed by the Diagnostic Medical Sonography student to meet program objectives and requirements. The Program of Diagnostic Medical Sonography or its affiliated agencies may identify additional critical behaviors or abilities needed by students to meet program or agency requirements. The Program of Diagnostic Medical Sonography reserves the right to amend this listing based on the identifications of additional standards or criteria for Diagnostic Medical Sonography students.

If you have any questions or wish to discuss further the essential functions required of Diagnostic Medical Sonography, please call the Program Coordinator.

The Diagnostic Medical Sonography Program makes every effort to ensure quality education for all students. However, we feel obligated to inform students of essential functions demanded by a particular occupation. For students, the ability to handle the stresses of a heavy academic schedule and clinical rotations is particularly important.