

**Programmatic Technical Standards**

**(Diagnostic Medical Sonography)**

The attached listing has been prepared to assist you in understanding the technical standards of the **Diagnostic Medical Sonography** program in order to affiliate in the clinical agencies and ultimately practice the profession. The technical standards as stated here **are not** conditions of admission to a program of study. Rather, they reflect performance abilities that are necessary for a student to successfully complete the requirements of specified health programs. It should be noted that under the Americans With Disabilities Act “A qualified person with a disability is one who can perform the essential function of a job with or without reasonable accommodation.”

**PLEASE NOTE THAT YOU ARE REQUIRED TO COMPLETE ALL OF THE INFORMATION BELOW AND RETURN THIS COVER SHEET TO THE S.T.C.C. ADMISSIONS OFFICE PRIOR TO THE FIRST DAY OF CLASSES.** This indicates that you have read and understand the Technical Standards established for the program you are enrolling in. You should keep the attached listing of Technical Standards for your reference.

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**Print Name**

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**#SS**

\_\_\_\_\_  
**Signature**

\_\_\_\_\_  
**Date**

The **Diagnostic Medical Sonography** student must be able to meet the following technical standards:

- Help lift patients who may be comatose, paralyzed, or otherwise disabled, from wheelchairs or beds to the examination table and vice versa (up to 25 patients per day)
- Fine motor skills and manual dexterity in patient positioning
- Fine motor skills in manipulation of a wide range of sonographic equipment and peripherals
  - a. It is common for the sonographer to hold the transducer in one hand, adjust the unit with the other hand and while standing on one leg, use the other leg to freeze and photograph selected images
  - b. For some sonographic examinations, especially vascular, it is necessary for the sonographer to be able to use either hand for scanning and equipment manipulation
- Discriminate between blacks, grays, whites, and the entire color spectrum on both display devices and recorded images
- Discriminate between various sounds produced by doppler, duplex doppler, and other related equipment
- Communication orally and in writing, instructions and directions to patients and to other health personnel
- Communicate orally and in writing, instructions, directions and findings to physicians and other health personnel
- Relate to patients in varying stages of illness
- Relate to patients/others in varying stages of grief

- Relate to concerns of family members
- Relate to health personnel on a professional basis

**Note: Students with certain pre-existing musculo-skeletal conditions or repetitive motion disorders (carpal tunnel syndrome, arm/shoulder tendonitis or bursitis, rotator cuff disease, etc) may find that a career in ultrasound scanning will exacerbate these conditions. Consult your physician with any questions.**