



Technical Standards Acknowledgement Form Diagnostic Medical Sonography Program

The attached list of Technical Standards has been prepared to assist you in understanding the essential physical and behavioral requirements for participating in and successfully completing the Diagnostic Medical Sonography program. These standards must be satisfied by all students in all aspects of the program, with or without a reasonable accommodation, including in the classroom, laboratories, and externship.

Please note that you must carefully review these technical standards. Once reviewed, please complete all of the information below and submit it to **Health and Wellness Center (Building 19/Room 177) BY JULY 1**. If you are an individual with a documented disability who seeks reasonable accommodation, please contact the Office of Disability Services, Building 19/Room 141, 755-4785, as soon as practical, for information concerning the College's accommodation process.

Your signature below shall confirm and verify that you have reviewed the program's Technical Standards and are capable of performing those Standards, with or without a reasonable accommodation. Failure to perform the program's essential technical standards shall result in a student's removal from the program.

1. _____

Print your full name

2. _____

Sign your full name

3. _____

Student ID number (found on your acceptance letter)

4. _____

Date of signature

Please return this form to Health and Wellness Center, Building 19/Room 177

Springfield Technical Community College
School of Health and Patient Simulation
Technical Standards
Essential Skills for the Diagnostic Medical Sonography Program

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

1. Assist with patient handling, i.e. helping to lift patients who may be comatose, paralyzed, or otherwise disabled from wheelchairs or beds to the examination table and vice versa, repeatedly.
2. Assist patients with dressing and undressing and helping them with personal hygiene.
3. Use fine motor skills and manual dexterity in patient positioning.
4. Use fine motor skills and manual dexterity in manipulating a wide range of sonographic and medical equipment and peripherals.
5. Tolerate repeated bending and stretching as well as holding extreme leg, arm and back positions for an extended amount of time.
6. Using either or both hands for scanning and equipment manipulation.
7. Discriminate between blacks, grays, whites, and the entire color spectrum on various display devices.
8. Discriminate between subtle tones in stereo produced by various types of Doppler instrumentation.
9. Communicate effectively, both orally and in writing, to patients, other health care personnel, and physicians.
10. Relate in a caring manner to patients of all ages in varying stages of illness.
11. Relate in a caring manner to patients and their families in varying stages of grief.
12. Relate to the concerns of family members.
13. Relate to other health care personnel and physicians in a professional manner that emphasizes teamwork.
14. Perform under pressure.

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