



DIAGNOSTIC MEDICAL SONOGRAPHY

Technical Standards for the Neosho County Community College Diagnostic Medical Sonography Program

To participate successfully in the Diagnostic Medical Sonography program coursework and clinical experiences at Neosho County Community College, students must be able to meet the physical, cognitive, and behavioral technical standards listed below, with or without reasonable accommodation. The Technical Standards acknowledge the essential and cognitive duties needed to perform the tasks/functions required for sonography practice, ensure patient safety, and provide accurate diagnostic information. While meeting the Technical Standards is a requirement for admittance and graduation, it does not guarantee acceptance into the program.

Physical Requirements

- Mobility and dexterity sufficient to move from room to room and maneuver in small spaces.
- Lifting up to fifty pounds and moving equipment through pushing/pulling motions.
- Fine motor skills sufficient to maneuver transducers and operate ultrasound equipment.
- Physical stamina sufficient to undergo prolonged standing and sitting.

Sensory Requirements

- Visual acuity sufficient to observe patients and equipment displays closely, including color and gray scale differentiation and imaging in limited lighting.
- Auditory acuity sufficient to respond to auditory signals and communicate with patients.
- Tactile sense and dexterity sufficient for physical assessment of patients.

Communication Requirements

- Ability to speak, comprehend, read and write English at a level that allows effective communication with patients, families, and other professionals.
- Communicate accurately, sensitively, and effectively both verbally and nonverbally to obtain accurate, relevant health information, instruct patients, and recognize physical and emotional cues that may indicate changes in patient condition.
- Capability to relay information and instructions to patients at a level they are able to comprehend to ensure safe and effective patient care.

Cognitive/Critical Thinking Requirements

- Critical thinking, problem solving, and decision-making ability to provide safe medical imaging, assessment, and treatment of patients.
- Comprehend three-dimensional relationships and interpret gray-scale images.
- Ability to master relevant academic subject matter including medical ethics, biology, human anatomy and physiology.



Behavioral/Interpersonal Requirements

- Possess emotional stability and physical tolerance to withstand stresses, uncertainties, and changing circumstances that characterize the clinical care of patients.
- Demonstrate attitudes of empathy, integrity, concern for others, interpersonal skills, interest, and motivation in all aspects of the practice of sonography in the classroom, laboratory, and clinical settings.
- Maintain effective, mature, and sensitive relationships with patients, students, faculty, staff and other professionals under varying circumstances.
- In all settings act with integrity, empathy, compassion, equity, and respect for all populations.
- Maintain professionalism at all times in the clinical, laboratory, and classroom environments.

If you are a student in need of classroom accommodations, it is your responsibility to notify the Director of the Ottawa Campus, 785-248-2797, on the Ottawa campus as soon as possible. You will need to bring documentation for review in order to determine if reasonable accommodations can be made and they will assist you with arranging any necessary accommodations.

The Diagnostic Medical Sonography Program Director will work with the Student Services Office to determine if reasonable accommodations can be made. Determination of a student's ability to meet the Technical Standards will be judged not only on the potential of accommodation, but also their impact or interference with the educational process, particularly with regard to the clinical environment.



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Acknowledgement and certification of ability to meet technical standards

I have read and understand the technical standards required for the NCCC Diagnostic Medical Sonography Program. I confirm that I am able to meet these standards with or without reasonable accommodations. I further understand that if I require accommodations to meet these standards it is my responsibility to contact the Student Services Office to request them prior to the start of the program.

Printed Name: _____ NCCC ID # _____

Signature: _____ Date: _____

If you have questions regarding your ability to meet any of the technical standards with or without reasonable accommodations, or if you have any other questions regarding the technical standards prior to signing this acknowledgement, please contact the DMS Program Director, Crystal Conroy, at cconroy@neosho.edu.

This page must be returned as part of your completed program application packet.