

# DIAGNOSTIC MEDICAL SONOGRAPHY

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Diagnostic Medical Sonography is a highly-skilled profession which uses specialized equipment to create images of structures inside the human body used by physicians to make medical diagnoses. Graduates of the program are qualified to provide patient services using diagnostic techniques under the supervision of a licensed physician.

This program contains four tracks, the general/vascular track, the general track, the vascular track and the cardiac track. The general/vascular track prepares the graduate to be a general sonographer who is qualified to perform vascular ultrasound. Sonographers have extensive, direct patient contact that may include performing some invasive procedures. The general track prepares the graduate to perform sonograms on the abdominal, small parts and OB/GYN applications. The vascular track prepares the graduate to perform sonograms on the cerebrovascular, peripheral arterial, peripheral venous and abdominal vascular applications. The cardiac track prepares the graduate to perform cardiovascular sonograms.

Sectional anatomy, ultrasonic instrumentation and imaging are the major components in this program. Skills are developed through clinical experiences using diagnostic imagery equipment.

An advanced option (certificate) in vascular sonography is offered for candidates who are currently employed and registry eligible in Diagnostic Medical Sonography.

The student is exposed to and expected to acquire skills, attitudes, and habits that are generally common to all professionals in the medical field. Graduates will be prepared for a professional career in the opted sonography field.

A program-approved CPR requirement must be successfully completed prior to enrolling in the first sonography course and must be kept current throughout the program. Documentation of successful completion of a minimum 75 hour nursing assistant course or its equivalent is required prior to enrolling in the first sonography course.

Applicants must complete all required general education and supportive courses with a grade of a "C" or better prior to entering in the Diagnostic Medical Sonography program. Progression in the Diagnostic Medical Sonography program is contingent upon achievement of a grade of "C" or better in each Sonography course and maintenance of a 2.0 cumulative grade point average or better (on a 4.0 scale).

Transportation to the community agencies is the responsibility of each student.

Note: Hours Exception (67-76 for the A.A.S) approved by the KCTCS Board of Regents in June 2010.

## Degree

- Diagnostic Medical Sonography - AAS (<https://catalog.kctcs.edu/programs-of-study/aas/diagnostic-medical-sonography/diagnostic-medical-sonography-aas/>)
- Vascular Sonography Track (<https://catalog.kctcs.edu/programs-of-study/aas/diagnostic-medical-sonography/diagnostic-medical-sonography-aas/#vascularsonographytrack>)

- General/Vascular Sonography Track (<https://catalog.kctcs.edu/programs-of-study/aas/diagnostic-medical-sonography/diagnostic-medical-sonography-aas/#generalvascularsonographytrack>)
- General Sonography Track (<https://catalog.kctcs.edu/programs-of-study/aas/diagnostic-medical-sonography/diagnostic-medical-sonography-aas/#generalsonographytrack>)
- Cardiac Sonography Track (<https://catalog.kctcs.edu/programs-of-study/aas/diagnostic-medical-sonography/diagnostic-medical-sonography-aas/#cardiacsonographytrack>)