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SCHOOL of ALLIED HEALTH SCIENCES



Bachelor of Science in Diagnostic Medical Sonography - Cardiac Concentration

Program Overview

The Sonography Program, Cardiac Concentration, is an 18-month (6 quarter) program providing didactic and clinical education in Echocardiography including but not limited to adult transthoracic, transesophageal, stress echocardiography specialty areas. The program is a Cardiac Concentration curriculum with an introduction to basic vascular sonography.

Upon completion of the program, graduates are eligible to sit for the American Registry of Diagnostic Medical Sonographers (ARDMS) national registry examinations.

Graduates of the Cardiac Concentration are eligible to take the American Registry of Diagnostic Medical Sonographer's (ARDMS) national registry examination in Adult Echocardiography (RDCA) and or the Cardiovascular Credentialing International (CCI) exam in Registered Cardiac Sonography (RCS).

The Cardiac Concentration is programmatically accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

Cardiac Sonographer Duties

Diagnostic Medical Sonographers, also known as Sonographers or Echocardiographers use high-frequency sound waves to image blood flow through the heart and vessels, valvular function, cardiac structure and function, masses and fluid accumulations within the body. An ultrasound image results from the reflection of the sound waves by the body. The images/Video clips are viewed on a computer screen and are recorded on various digital formats and are used in interpretation and diagnosis by a Cardiologists. The technology is advancing rapidly which requires Sonographers to be flexible, adaptable team players who are committed lifelong learners. Sonographers assist physicians in the diagnosis of Heart Disease.

Tuition: Bachelor of Science - \$24,192.00

Admissions Requirements

All prerequisite requirements must be completed prior to applying to the program.

Applicants must have verification of completion of a minimum of an AA/AS degree or higher in any discipline from a regionally accredited institution and have a cumulative minimum grade point average of 3.0.

Complete a minimum of 8 hours of job shadowing.

All applicants must successfully complete the following courses with a grade of "C" or better. Courses must be college level and a minimum of 3 semester units or 4 quarter units. KPSAHS does not accept pre-requisite courses taken as pass/fail, credit/no credit.

Required Prerequisites:

- Human Anatomy & Physiology with a lab (college level)
- College Algebra or higher level mathematics
- Written Communication
- Oral Communication
- General Physics. Topics must include sound waves, heat, light, and motion.
- Medical Terminology

Note: All foreign diplomas and transcripts must include a notarized translation in English and must be evaluated by an approved NACES foreign transcript agency prior to submission.

The Kaiser Permanente School of Allied Health Sciences is accredited by the WASC Senior College and University Commission (WSCUC).

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