The Sonography program consists of coursework and experience leading to an Associate of Applied Science Degree in Diagnostic Medical Sonography. Sonography is an allied health profession that utilizes computerized medical equipments to generate high frequency sound waves (ultrasound) for diagnostic medical imaging. The Sonographer uses an instrument called a transducer to generate and transmit an incident ultrasound beam to body organs under study. The reflected ultrasound wave (echo) is intercepted by the transducer and converted back into electrical/analog signal. This signal is then digitized and fed to the system computer, which reconstructs and generates images needed for diagnosis.

The AAS degree program in Sonography consists of didactic and clinical education components, which require 74 credit hours and approximately two academic years to complete.

Sample Careers:

- Cardiovascular Technologists
- Medical Sonographers

Types of Employers:

- Physicians Office
- Medical and Diagnostic Laboratories
- Out Patient care facilities
- Health Care Facilities

School or Health Sciences Requirements:

- 74 credit hours
- 2.0 cumulative GPA

School of Health Science
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