The associate of applied science degree in echocardiography is designed to prepare students to use ultrasound as a medical procedure to view internal organs for diagnostic purposes. Unlike x-rays, ultrasound is radiation free; it uses high frequency sound waves to produce images of internal organs. The program provides training and scanning instruction in heart function and introduction to vascular. Professionals performing these examinations are known as echocardiographers. Upon completion of this Lone Star College program, graduates may apply to take the credentialing exam to become a registered adult echocardiographer for the echocardiography specialty.

For echocardiography pre-admission and admission requirements check out the latest information:
LoneStar.edu/Diagnostic-Medi-Sonography

FOR MORE INFORMATION:
Jeremi Martin
832.482.1016
Jeremi.L.Martin@LoneStar.edu
or
Allied Health Assistant
281.290.3275

Complete your **Echocardiography AAS Degree** in 2 years!

**Prerequisites**
- 14 Credits
- College Algebra
- Composition and Rhetoric I
- Elementary Physics
- Intro to Anatomy and Physiology

**AAS Degree**
- 60 Credits
- Principles of Adult Echocardiography
- Basic Ultrasound Physics
- Clinical DMS
- Cardiovascular Concepts
- Intermediate Ultrasound Physics
- Principles of Sociology
- Practicum DMS
- Echocardiographic Evaluation of Pathology I
- Doppler Physics
- Echocardiographic Evaluation of Pathology II
- Practicum II DMS
- Advanced Echocardiography
- Vascular Technology Applications
- Practicum III
- Humanities/Fine Arts
- Advanced Ultrasound Review

**Advanced Technical Certificate**
- 16 Credits
- Prerequisites: AAS in general Sonography or Echocardiography Required
- Practicum I - Diagnostic Medical Sonography & Ultrasound Tech
- Non-Invasive Cerebral Vascular Evaluation
- Non-Invasive Peripheral Vascular Evaluation
- Practicum II - Medical Sonography & Ultrasound Tech
- Advanced Non-Invasive Vascular Technology

**Corporate College**
- Professional development opportunities are available for additional training and licensure.

Representative career titles and job positions for this program plan include:
- **Cardiac Catheterization Technician**
- **Monitor Technician or EKG Technician**

Median Wage: $65,860


*Position titles vary by employer and location.