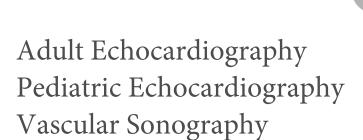
# Diagnostic Cardiovascular Sonography



Information Packet





Your College Right Now





## **DIAGNOSTIC CARDIOVASCULAR SONOGRAPHY** ADULT ECHOCARDIOGRAPHY

A.A.S. DEGREE/CERTIFICATE



#### Improve Patient Care by Becoming a Sonographer at Alvin Community College

Sonography is the use of high-frequency sound waves, also known as ultrasound, to observe the internal world of the human body. Sonographers are on the front line of early detection and evaluation of cancer, women's health issues, heart defects, arterial blockages, and more.

ACC offers three DCVS concentrations: Pediatric Cardiac, Adult Cardiac, and Vascular. All require the use of ultrasound machines to produce images of patient's hearts, veins and/or arteries using high frequency sound waves.

An Adult Cardiac Sonographer is a specialized diagnostic medical sonographer who performs imaging on adult hearts or blood vessels surrounding the heart.

If you are compassionate, flexible, detail-oriented, and like working in a fast-paced and caring environment, you might be a good fit as a Sonographer.

## **Career Opportunities**

Career opportunities remain strong nationally and within the region. The Bureau of Labor Statistics notes that the Houston Metro region employs over 1,700 sonographers with an annual wage mean of \$85,080. Starting salary for a new graduate is generally around \$55,000. Recruiters contact ACC regularly about qualified graduates to fill job openings.

#### What Will I Study?

The DCVS program curriculum is composed of didactic instruction, hands-on laboratory practice, individual outside scanning practice, and supervised external clinical experience.

scan for more info



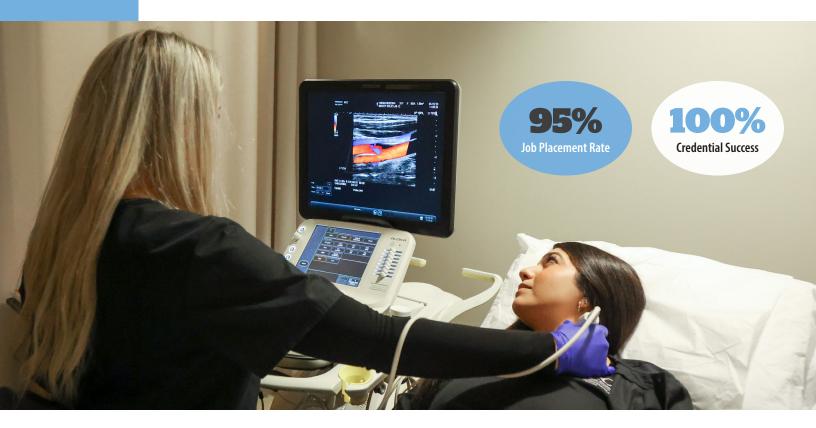






# **DIAGNOSTIC CARDIOVASCULAR SONOGRAPHY VASCULAR SONOGRAPHY**

A.A.S. DEGREE/CERTIFICATE



#### Improve Patient Care by Becoming a Sonographer at Alvin Community College

Sonography is the use of high-frequency sound waves, also known as ultrasound, to observe the internal world of the human body. Sonographers are on the front line of early detection and evaluation of cancer, women's health issues, heart defects, arterial blockages, and more.

ACC offers three DCVS concentrations: Pediatric Cardiac, Adult Cardiac, and Vascular. All require the use of ultrasound machines to produce images of patient's hearts, veins and/or arteries using high frequency sound waves. A Vascular Sonographer examines blood vessels using ultrasound.

If you are compassionate, flexible, detail-oriented, and like working in a fast-paced and caring environment, you might be a good fit as a Sonographer.

## **Career Opportunities**

Career opportunities remain strong nationally and within the region. The Bureau of Labor Statistics notes that the Houston Metro region employs over 1,700 sonographers with an annual wage mean of \$85,080. Starting salary for a new graduate is generally around \$55,000. Recruiters contact ACC regularly about qualified graduates to fill job openings.

#### What Will I Study?

The DCVS program curriculum is composed of didactic instruction, hands-on laboratory practice, individual outside scanning practice, and supervised external clinical experience.

scan for more info







#### **Diagnostic Cardiovascular Sonography** Associate of Applied Science Degree **Application Deadline: May 15** Your College Right Now **Program Start:** Fall Semester **Start Here** If you are new to ACC, apply online at: www.goapplytexas.org and submit official transcripts to Admissions. **Admission Requirements Additional Requirements** Submit the following via email to REQUIRED COURSES - Completion of the following sonography@alvincollege.edu courses with a minimum grade of 'C' no later than spring semester of the application year. ☐ Completed Hepatitis B Series ☐ BIOL 2401 – Anatomy & Physiology I ☐ Completed HESI A2 exam within the last 5 years Required HESI A2 sections: Reading ☐ BIOL 2402 – Anatomy & Physiology II Comprehension, Grammar, Vocabulary & ☐ MATH 1314 – College Algebra Knowledge, Anatomy & Physiology, Math ☐ PHYS 1410 – Elementary Physics ☐ Observation Form (copies available in lab) What's Next? Schedule Observations Wait to be contacted by the department. Please be Lab observations are required of each program(s) applicant

is applying to.

☐ Call **281.756.5625** to schedule

#### **Attend an Information Session**

Applicants are required to attend an information session.

☐ Go to: www.alvincollege.edu/DCVS for dates and location

#### **Complete Application**

☐ Complete Online Application on the DCVS web page: www.alvincollege.edu/DCVS

patient; it can take several weeks for admission applications to be processed.

#### Once Accepted:

A condition of admission is based on completion and/or submission of the following:

□ Proof of personal health insurance

□ Passing a drug screening

□Physical examination

□Immunization record showing:

Completion of Hepatitis B Immunization series (may take up to 6 months), MMR, Tdap, TB, Varicella, Influenza (please note: a titer may be required for some of these immunizations)

□Cleared criminal background

□Attend mandatory program orientation

For more information, contact: sonography@alvincollege.edu or 281.756.5625

Admission steps are subject to change at any time.

 $Please\ visit\ http://www.alvincollege.edu/admissions/getting-started-first-time-students.html\ for\ the\ most\ up-to-date\ information.$