

Diagnostic Cardiovascular Sonography



HEALTH

Information Packet

Adult Echocardiography
Pediatric Echocardiography
Vascular Sonography



Your College  **Right Now**





DIAGNOSTIC CARDIOVASCULAR SONOGRAPHY ADULT ECHOCARDIOGRAPHY

A.A.S. DEGREE/CERTIFICATE

97%

Job Placement Rate

100%

Credential Success



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



or visit alvincollege.edu/DCVS



Revised 4/23



DIAGNOSTIC CARDIOVASCULAR SONOGRAPHY VASCULAR SONOGRAPHY

A.A.S. DEGREE/CERTIFICATE



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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.

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Revised 2/24

Diagnostic Cardiovascular Sonography

Associate of Applied Science Degree



Your College Right Now

Application Deadline: May 15

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

REQUIRED COURSES – Completion of the following courses with a minimum grade of 'C' no later than spring semester of the application year.

- ☐ BIOL 2401 – Anatomy & Physiology I
- ☐ BIOL 2402 – Anatomy & Physiology II
- ☐ MATH 1314 – College Algebra
- ☐ PHYS 1410 – Elementary Physics

Schedule Observations

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

Additional Requirements

Submit the following via email to sonography@alvincollege.edu

- ☐ Completed Hepatitis B Series
- ☐ Completed HESI A2 exam within the last 5 years
Required HESI A2 sections: Reading Comprehension, Grammar, Vocabulary & Knowledge, Anatomy & Physiology, Math
- ☐ Observation Form (copies available in lab)

What's Next?

Wait to be contacted by the department. Please be 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.

Alvin Community College is an Equal Opportunity Institution. If you have a disability and need assistance or require special accommodations contact the Office of Disability Services at 281.756.3533 or ods@alvincollege.edu.