

# Diagnostic Cardiovascular Sonography



HEALTH

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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](http://alvincollege.edu/DCVS)







# DIAGNOSTIC CARDIOVASCULAR SONOGRAPHY PEDIATRIC ECHOCARDIOGRAPHY

A.A.S. DEGREE/CERTIFICATE

**100%**

Credential Success

**91%**

Job Placement Rate



## 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 Pediatric Cardiac Sonographer performs imaging exams on children (age 1-18 years), infants (0-12 months) or fetus (prior to birth). The images focus on the heart and the heart's blood vessels.

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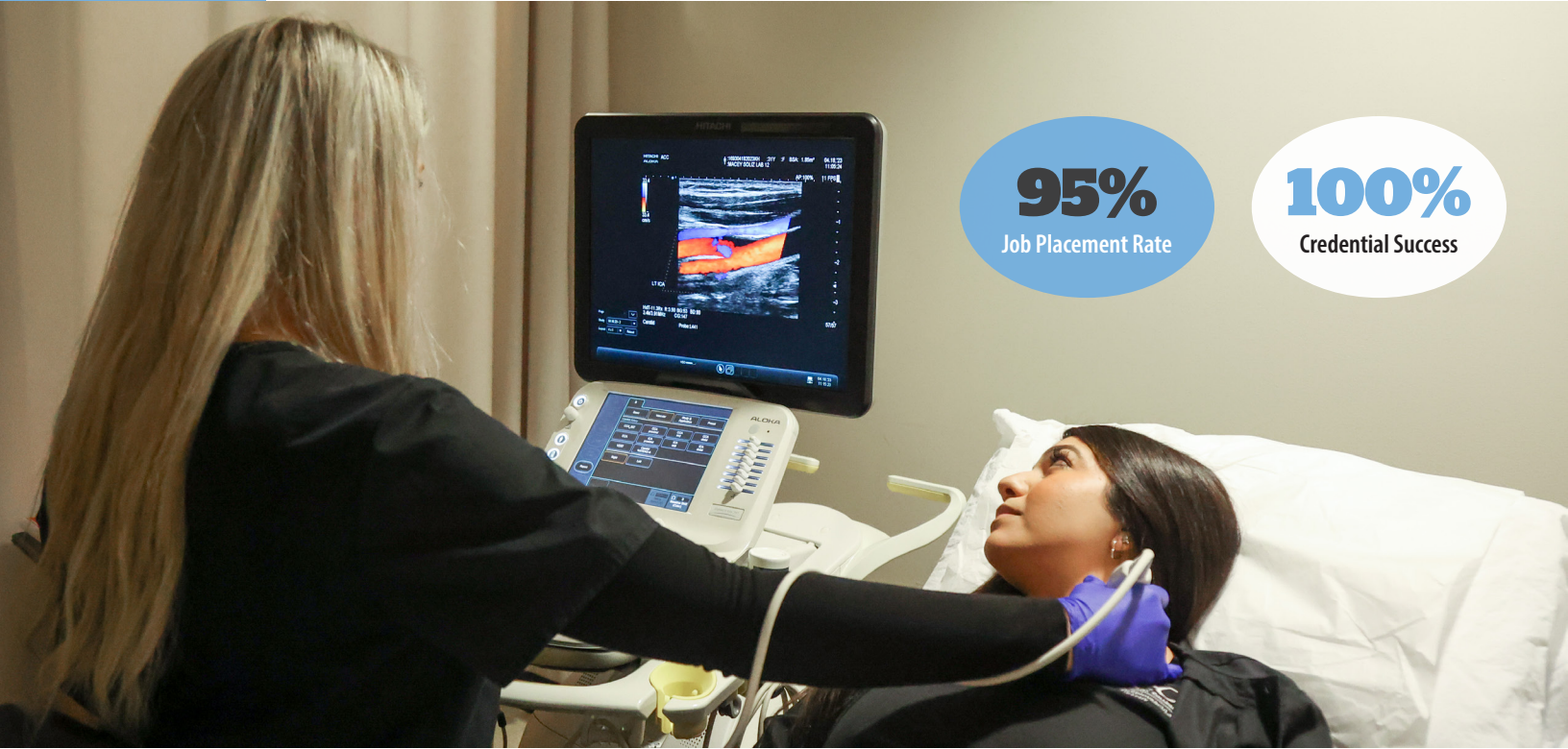


Revised 2/24



# DIAGNOSTIC CARDIOVASCULAR SONOGRAPHY VASCULAR SONOGRAPHY

A.A.S. DEGREE/CERTIFICATE



**95%**

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. 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

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### What Will I Study?

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scan for more info



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Revised 2/24



# Diagnostic Cardiovascular Sonography

Associate of Applied Science Degree



ALVIN COMMUNITY COLLEGE

Your College **Right Now**

**Application Deadline:** June 1

**Program Start:** Fall Semester

## Start Here

If you are new to ACC, apply online at: [www.goapplytexas.org](http://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
- Select 3 course credits from Mathematics Core Curriculum (MATH-1314 or MATH-1332 recommended)
- PHYS 1410 - Elementary Physics OR  
PHYS 1401 - College 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](http://www.alvincollege.edu/DCVS) for dates and location

## Complete Application

- Complete Online Application on the DCVS web page: [www.alvincollege.edu/DCVS](http://www.alvincollege.edu/DCVS)

## Submit Official Transcripts

- Submit official college transcript showing completion of required courses (unofficial from ACC is acceptable)

## Additional Requirements

Submit the following via email to [sonography@alvincollege.edu](mailto: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](mailto: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](mailto:ods@alvincollege.edu).

Scan to apply!

