



2025 - 2026

Cardiovascular Sonography

Associate in Applied Science Degrees

MULTIPLE LOCATIONS | VARIED SEMESTER LENGTHS | NUMEROUS PROGRAMS | FINANCIAL AID



Scan Code for program page online



ASHEVILLE, NORTH CAROLINA • (828) 398-7900 • ABTECH.EDU

Cardiovascular Sonography

The Cardiovascular Sonography curriculum provides the individual with the knowledge and skills necessary to acquire, process, and evaluate the human heart and vascular structures. A cardiovascular sonographer uses high frequency sound waves to produce images of the heart and vascular structures.

Course work includes effective communication and patient care skills combined with a knowledge of physics, human anatomy, physiology, and pathology, all of which are essential to obtaining high quality sonographic images.

Graduates may be eligible to apply to the American Registry of Diagnostic Medical Sonographers for examinations in physics, cardiovascular physics, vascular physics, vascular, and adult echocardiography. Graduates may find employment in hospitals, physicians' offices, mobile services, and educational institutions.

The Diagnostic Medical Sonography Program is accredited in Abdomen Extended, OB/GYN, Adult Cardiac and Vascular concentrations. The following are the accrediting agencies:

Commission on Accreditation of Allied Health Education Programs (CAAHEP)

9355 113th St. N. #7709
Seminole, FL 33775 Phone: (727) 210-2350
Fax: (727) 210-2354
www.caahep.org

Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS)

6021 University Boulevard, Suite 500 Ellicott City, MD 21043
Phone: (443) 973-3251
www.jrcdms.org

Specific Admission Requirements

This program has a selective admission process. For application and admission requirements, contact advising@abtech.edu and view the information on our website at <https://www.abtech.edu/admissions/selective-and-limited-programs>.

Total Cost Estimate

Tuition per Semester (NC Resident) \$1,216.00 (16+ credit hours)
\$76.00/credit hour (1-15 hours)

Computer Use and Technology Fee \$48/semester

Activity Fee Fall and Spring semesters only,
Main campus and Online, \$35.00

CAPS Fee (Campus Access, Parking and Security) \$20/semester

Matriculation Fee \$10/semester

Student Insurance \$2/Semester

Additional Fees including books may incur, please check A-B Tech website for more detail: <https://abtech.edu/program/cardiovascular-sonography-aas-cost-estimate>

Have you applied for Financial aid? Please visit A-B Tech website for instructions: <https://abtech.edu/future-students/financial-aid/applying-aid>

For More Information:

Contact Chastity Case by email at chastitylcase@abtech.edu or by phone at 828-398-7470

Courses requiring a grade of "C" or better: BIO, COM, ENG, MAT, PHY, and SON

	Course Prefix	Course Name	Credit Hours
Preadmission Requirement			
	BIO 163	Basic Anatomy and Physiology	5
	COM 120	Intro Interpersonal Communication	3
	MAT 110	Math Measurement & Literacy	3
	PHY 125	Health Sciences Physics	4
First Semester (Fall)	CVS 160	CVS Clinical Ed I	5
	CVS 163	Echo I	4
	SON 111	Sonographic Physics	4
Second Semester (Spring)	ENG 111	Writing and Inquiry	3
	CVS 161	CVS Clinical Education II	8
	CVS 164	Echo II	4
Third Semester (Summer)	CVS 162	CVS Clinical Education III	5
Fourth Semester (Fall)	CVS 260	CVS Clinical Education IV	5
	PSY 150	General Psychology	3
	SON 250	Vascular Sonography	2
Fifth Semester (Spring)	CVS 261	CVS Clinical Education V	8
	CVS 277	Cardiovascular Topics	2
	PHI 240	Introduction to Ethics	3
Program Totals:			74

Career Opportunities in Cardiovascular Sonography

A.A.S. Degree National Salary Range: \$63,000-\$102,000
Local Salary Range: \$61,700 - \$94,630

Diploma
Hospitals, Health Departments, Physicians' Offices, Imaging Centers, Mobile/
Traveling Services