

Students will be required to complete 29 hours of platform coursework with a minimum 2.5 GPA prior to admission to the technical phase of the cardiac sonography program. Applicants with prerequisite coursework completed at other institutions should have their official transcripts sent to the Office of Student Services for review. The platform coursework includes the following:

PREFIX	NUMBER	TITLE	CREDIT HRS
HSCI	1123	Human Anatomical Structure I “C” or better	3
HSCI	1113	Medical Terminology “C” or better	3
BST	1303	Introduction to Computers	3
ENGL	1013	Composition I	3
MATH	1003	College Mathematics (or higher)	3
PHSC	1013	Introduction to Physical Science	3 1 or
PHSC	1021	Introduction to Physical Science Lab	
or	or	or	
BIOL	1014	Introduction to Biological Science with lab (4 CR HRS)	4
HSCI	1243	Human Anatomical Structure II “C” or better	3
ENGL	1023	Composition II	3
PSY	2003	General Psychology	3
EMTP	1001	First Aid and CPR	1
		TOTAL PLATFORM HOURS	29

Students must apply to the technical phase of the program following completion of the prerequisite coursework. Admission to the technical phase is competitive due to limited enrollment. Satisfactory completion of the technical coursework will enable a student to graduate with an Associate of Applied Science degree. The technical phase of the program includes a combination of classroom/laboratory study and required clinical education. During the classroom/laboratory portion of the program, students will have the opportunity to learn Adult Cardiac Sonography procedures and practice specific procedures on fellow cardiac sonography students. Students will be expected to participate in all class and laboratory activities as both a demonstration subject and a simulated patient for their classmates. The clinical education portion of the program consists of working with patients in a clinical facility as a student under the supervision of a clinical instructor. Clinical education sites are located in various cities and towns throughout the area, and some may even require lodging due to their distance from Arkansas Tech University-Ozark Campus. Students will be responsible for all travel associated with clinical education. In addition, each student will be responsible for all meals and lodging associated with clinical education, unless provisions are made by the clinical education site to which they are assigned. Students should anticipate 40 hours per week spent in class and clinical education. This does not include prep or study time.

FALL		Core Classes	
CVT	2113	Hospital Policies and Patient Care	2
CVT	2123	Sonography Physics and Instrumentation, I	3
CVT	2132	Echocardiography I Lab	2
CVT	2133	Echocardiography I	3
CVT	2144	Clinical Practicum I	4
		Total Semester Hours	14
SPRING		Core Classes	
CVT	2211	Principles of Electrocardiography	1
CVT	2213	Cardiac Pathology Studies	3
CVT	2223	Sonography Physics and Instrumentation II	3
CVT	2231	Echocardiography II Lab	1
CVT	2233	Echocardiography II	3
CVT	2244	Clinical Practicum II	4
		Total Semester Hours	15
SUMMER I (extended)		Core Classes	
CVT	2312	Interdisciplinary Cardiac Imaging	2
CVT	2313	Echocardiography Concepts	3
CVT	2323	Physics Concepts	3
CVT	2344	Clinical Practicum III	4
		Total Semester Hours	12
		CVT COURSEWORK HOURS	41
		TOTAL DEGREE HOURS	70