

## ■ GENERAL INFORMATION

Classes for new CVI students begin every fall semester and run for 12 consecutive months. During the 12 month program, students participate in a structured rotation sequence through affiliated CVI departments in Arkansas, Tennessee, Mississippi and Missouri.

Students must provide their own transportation to the clinical affiliates. When determining educational costs, consideration should be given to this additional expense. Students are not compensated for clinical education hours.

## ■ IMMUNIZATION & HEALTH RECORDS

Once accepted into the program, students must provide documented evidence of vaccination and immunization for Hepatitis B and Varicella (chicken pox).

Students must be up-to-date on all vaccines required by the CVI program clinical affiliates including TB skin tests, the flu vaccine, and HEPA mask fittings.

## ■ EXPENSES

In addition to tuition and immunization costs, CVI students will incur the following expenses:

1. All students in the College of Nursing and Health Professions must purchase malpractice insurance prior to rotating through clinical sites. The annual cost of this insurance is about \$40.
2. The cost of textbooks will vary each semester, with a majority of the total cost occurring in the first semester of the professional program. Textbook costs for the first semester may be as much as \$350. These textbooks are used throughout the program.
3. Uniform costs are approximately \$150. Special-order lead glasses are approximately \$120.
4. CPR, BDLS, ACLS certifications and EKG course are required and students may be charged a nominal fee.
5. Background checks are required for clinical students and this cost is between \$75-\$100. A drug screen is required for certain clinic sites.
6. Students are required to purchase access to online clinical software for use in clinical courses. This is a one-time fee of approximately \$100.
7. TB mask fittings are required. The fitting is available at A-State within the first few weeks of the fall semester. This is an annual fee of approximately \$25.



# Cardiovascular Interventional Program



ARKANSAS STATE  
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RADIOLOGIC  
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## CARDIOVASCULAR INTERVENTIONAL PROGRAM

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ARKANSAS STATE  
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College of  
Nursing &  
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2/2020

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**YOUR EDUCATION:**  
*Our Mission*

**MISSION STATEMENT**

The mission of the CVI track is to prepare competent, entry-level CVI technologists able to function within the healthcare community.

**CARDIOVASCULAR INTERVENTIONAL PROGRAM**

Completion of general education, selected coursework, radiography program courses, and CVI specialty track coursework will lead to a Bachelor of Science in Radiologic Sciences (BSRS) degree and eligibility to sit for the American Registry of Radiologic Technologists (ARRT) certification exams in radiography, CI or VI (clinical competencies must be met in order to sit for the CI or VI certification examination).



**WHAT IS CVI TECHNOLOGY?**

Cardiovascular interventional technologists are members of the radiology team who work alongside interventional radiologists and cardiologists. The CVI technologist assists with diagnostic angiographic procedures, as well as complex vascular and nonvascular interventional and therapeutic procedures.

CVI technologists are responsible for obtaining all equipment needed for a procedure, positioning and imaging patients, resolving equipment issues, and demonstrating knowledge of human anatomy, radiation safety, interventional supplies and equipment operation.

**GOALS**

**Students will be clinically competent.**

**Student Learning Outcomes:**

- Students will properly apply and maintain sterile fields.
- Students will perform interventional procedures accurately.
- Students will practice acceptable radiation safety techniques.

**Students will demonstrate communication skills.**

**Student Learning Outcomes:**

- Students will demonstrate written communication skills.
- Students will use effective oral communication skills.

**Students will develop critical thinking skills.**

**Student Learning Outcomes:**

- Students will adapt interventional techniques to varying clinical scenarios.
- Students will respond quickly and appropriately to life-threatening situations.

**Students will model professionalism.**

**Student Learning Outcomes:**

- Students will understand professional ethics.
- Students will demonstrate professional conduct.

**SELECTIVE ADMISSION REQUIREMENTS FOR SPECIALTY TRACKS**

To be eligible to apply to the CVI specialty track, students must:

- Have graduated or be currently enrolled in an accredited radiography program
- Have completed prerequisite coursework
- Have no contraindications that would prohibit working in a CVI suite

Applicants to the CVI specialty track are selected by the Admissions Committee using the following criteria:

- 1. Cumulative grade point average**  
20 points possible toward 107 maximum points
- 2. Selected course grades**  
20 points possible toward 107 maximum points
- 3. Interview**  
30 points possible toward 107 maximum points
- 4. Modality clinic evaluation form**  
33 points possible toward 107 maximum points
- 5. A-State students**  
4 points possible toward 107 maximum points

**BSRS DEGREE HOUR SUMMARY**

First-Year Making Connections course	3
General education requirements	35
Major requirements (radiology program)	51
Emphasis area requirements (CVI)	28
Required support courses	4
<b>Total hours</b>	<b>121</b>

**CVI PROFESSIONAL CURRICULUM**

Following Radiography Program courses, the following CVI specialty track coursework will be completed:

**Fall**

RS 4423	CVI Procedures & Instrumentation
RS 4413	CVI Equipment and Intervention
RS 4454	CVI Clinical Education

**Spring**

RS 4443	Cardiac Physiology and Procedures
RS 4433	Cardiac Equipment and Intervention
RS 4444	Cardiac Clinical Education
RS 4822	Psychosocial Factors Health Care*

**Summer**

RS 3733	Geriatrics in Radiology*
RS 4483	CVI Internship

\*Distance education courses may incur additional expenses for the student. Online courses are subjected to fees determined by a third party administrator.

