GENERAL INFORMATION

Classes for new mammography 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 mammography departments.

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.

The mammography program is an equal opportunity educational program and does not discriminate based on age, color, race, or religious practices.

EXPENSES

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

- 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 approximately $40.
- 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 texts are used throughout the program.
- Uniforms costs are approximately $200, with dosimeter costs also estimated at $100 per year.
- CPR and BOLS certifications are required, and may charge a nominal fee. Background checks are required for clinical students. This cost is between $50-$100. A drug screen is required for certain clinic sites, with a cost between $25-$45.
- Students are required to purchase access to online clinical software for use in clinical courses. This is a one-time fee of approximately $150.
- TB mask fittings are required. The fitting is available at A-State within the first few weeks of the fall semester. This is a one-time fee of approximately $25.

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 mammography program clinical affiliates including TB skin tests, the flu vaccine, and HEPA mask fittings.
Mammography Specialty Track

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

GOALS
STUDENTS WILL BE CLINICALLY COMPETENT.

Student Learning Outcomes:
- Students will apply proper positioning skills.
- Students will select appropriate imaging parameters.
- Students will utilize acceptable radiation safety techniques.
- Students will practice satisfactory diagnostic sonography 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 positioning and imaging parameters for non-routine patients.
- Students will critique images for diagnostic quality.

STUDENTS WILL MODEL PROFESSIONALISM.

Student Learning Outcomes:
- Students will understand professional ethics.
- Students will demonstrate professional conduct.
- Students will understand the importance of life-long learning.

WHAT IS MAMMOGRAPHY
Mammography obtains multiple high-resolution images to evaluate breast tissue for various abnormalities such as lesions or possible breast implant rupture. Currently, mammography is the premier modality used for the early detection of breast cancer. This modality requires technologists to be very personable and people-oriented, with an ability to empathize and alleviate fear in their patients.

WHAT IS BREAST SONOGRAPHY?
Breast sonography focuses specifically on diagnostic sonography of the breast. Using sound waves emitted and received by special transducers, technologists produce sonographic images of normal or abnormal breast tissue for interpretation by a radiologist. Students in this concentration can become certified in Breast Sonography by the ARRT.

Ideal Traits for Mammography/Breast Technologists:
- Demonstrates high attention to detail
- Organized
- Nurturing
- Compassionate and empathetic

SELECTIVE ADMISSION REQUIREMENTS FOR SPECIALTY
To be eligible to apply to the mammography specialty track, students must:
- Have graduated or be currently enrolled in an accredited radiography program
- Have completed pre-requisite coursework
- Have no contraindications that would prohibit working in a mammography suite

Applicants to the mammography specialty track are selected by the admissions committee using the following criteria:
1. Cumulative grade point average (20 points possible toward 104 maximum points)
2. Selected course grades (20 points possible toward 104 maximum points)
3. Interview (30 points possible toward 104 maximum points)
4. Modality clinic evaluation form (30 points possible toward 104 maximum points)
5. A-State students (4 points possible toward 104 maximum points)

Mammography Program
Completion of general education, selected coursework, radiography program courses, and mammography 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, mammography, and breast sonography.

BSRS Degree Hour Summary
First-Year Making Connections course 3
General education requirements 35
Major requirements (radiology program) 50
Emphasis area requirements (mammo) 29
Required support courses 4
Total Hours 121

Mammography Professional Curriculum
Following radiography program courses, the following mammography specialty track coursework will be completed:

Fall
RS 3122 Legal and Regulatory*
RS 4502 Mammography Procedures*
RS 4553 Mammography Clinical Education I
RSU 4213 Physics and Instrumentation I

Spring
RS 4512 Mammography Instrumentation*
RS 4563 Mammography Clinical Education II
RSU 4323 Physics and Instrumentation II
RSU 4833 Breast Sonography

Summer
RS 3733 Geriatric Considerations*
RS 4573 Imaging in Women’s Health Clinic
RS 4822 Psychosocial Factors in Healthcare*

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