

# **Radiologic Technology**

## **Associate of Applied Science Degree**

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The mission of the Radiologic Technology Program is to prepare competent, certified radiographers to help meet entry-level needs of employers of the health care community in Southwest's service area. This program offers an opportunity to develop skills necessary to assure comprehension, application, and evaluation of clinical information; competent clinical proficiency; and acceptable professional behavior in their roles as medical radiographers. Upon completing degree requirements, students may sit for the national certification examination administered by the American Registry of Radiologic Technologists. In support of its mission statement, the program has established the following goals:

1. Students will be qualified, competent, entry-level radiographers.
2. Students will apply critical thinking and problem-solving skills.
3. Students will communicate effectively orally and in writing.
4. Students will outline a plan to develop and remain current in professional practice.

### **Admission Requirements**

To be eligible for admission into the Radiologic Technology Program, candidates must:

1. Be granted degree admission status at Southwest.
2. Have achieved an overall grade point average (GPA) of at least 2.5 on all college-level courses completed.
3. Have completed the following courses prior to admittance with a "C" or better:
  - a. RADT 1300 – Introduction to Medical Imaging
  - b. ALHS 1020 – Medical Terminology
4. Submit a score of 58% or higher on the TEAS (Test of Essential Academic Skills) administered by the Southwest Testing Center.
5. Submit the Special Application for Admission to Allied Health Sciences programs by February 15th.
6. Submit official transcript(s) of all college work attempted and/or completed at colleges other than Southwest prior to March 15th (mailed from releasing institution).
7. Applicants must complete all prerequisite requirements and testing by March 15th.

## **Selection criteria:**

The Radiologic Technology Admissions Committee ranks the applicants using the following criteria:

GPA from RADT 1300:

4 points award for A

3 points award for B

2 points award for C

GPA from AHS 1020:

4 points award for A

3 points award for B

2 points award for C

College GPA: Add to the ranking score

Ex.—If you have a 3.5, the 3.5 will added to the ranking score.

Score of 58% or higher on the TEAS: the score will be divided by 100

The selection committee will grant points to the applicants based upon the above point system. One point extra will be granted for each general education course requirement taken (Math, English, A and P) prior to acceptance into the program.

## **Criminal Background Checks**

Criminal background checks, to be paid for by the student, are required of all students participating in the Radiologic Technology Program. Estimated cost is \$50. Based on the results of these checks affiliated clinical sites may not allow a students' presence at their facility. The program does not guarantee placement in the clinical setting; therefore, this could result in the student's inability to successfully complete the requirements of this program. Additionally, a criminal background may preclude certification, licensure or employment.

## **Retention Policy**

Students must attain a minimum grade of "C" in all RADT courses. Failure to do so will result in dismissal from the program.

## **Readmission Policy**

Students withdrawing from the program or dismissed for any reason may be considered for readmission the following year by the program coordinator of Radiologic Technology 30 days prior to the first day of registration for that term.

## **Transfer Policy**

Transfer students from other accredited college-based Radiologic Technology programs will be considered for advanced standing only after evaluation of courses completed at that institution. Space must also be available in the clinical sites.

## **Additional Program Costs**

In addition to tuition and lab fees, students may have additional costs ranging from \$400 to \$1000 to include uniforms, duty shoes, physical examinations, laboratory tests, immunizations, parking at clinical sites, malpractice insurance, graduation, certification and licensure fees, Software, background checks and basic life support certification.

## **Technical Standards for Radiologic Technology Program**

Students must be able to meet the physical and technical requirements necessary for the course of study in radiologic technology. An applicant who is considered, in the judgment of the program faculty, to be unable to meet the physical or technical standards of the program must show verification of compliance with the standards in order to be considered for admittance and/or continuation in the program.

### **The Radiologic Technologist must have sufficient strength, motor coordination, visual acuity and manual dexterity to:**

- Transport, move, lift and transfer patients from a wheelchair or gurney to an x-ray table
- Move, adjust and manipulate a variety of radiographic equipment, including the movement of mobile radiographic machines throughout the facility
- Differentiate the color spectrum for color coding of patient files, and assess radiographic images
- Lift up to fifty pounds
- Stand and/or walk 6 to 8 hours per day.

**The Radiologic Technologist must be emotionally capable of:**

- Handling stressful situations related to technical and procedural standards and patient care situations
- Providing physical and emotional support to the patient during radiographic procedures
- Responding to situations requiring first aid and providing emergency care to the patient in the absence of or until the physician arrives
- Communicating effectively with patients/clients and other members of the health care team using all types of communication methods including verbal, nonverbal, and written techniques
- Adaption to changing environments and display flexibility when encountering new or unusual situations.

**The Radiologic Technologist must have the mental and intellectual capacity to:**

- Read and apply notes, records, textbooks, patient charts and requisitions to perform daily radiologic procedures
- Observe a patient accurately for patient assessment using the skills of listening, seeing, touching, and smelling
- Calculate and select proper technical exposure factors according to the individual need of the patient and the requirements of the procedure's standards of speed and accuracy
- Review and evaluate the recorded images on the radiographs for the purpose of identifying proper patient positioning, accurate procedural sequencing, proper radiographic exposure and other appropriate and pertinent technical qualities.