

RADIOLOGIC TECHNOLOGY

Uvalde Campus

Purpose

The purpose of the Radiologic Technology program is to provide a quality education in Radiologic Technology and to prepare graduates to perform competently and ethically as entry level Radiologic Technologists.

The Radiologic Technology program at SWTJC will achieve its purpose by preparing and graduating students that can:

- Communicate ideas and information effectively
- Demonstrate professional and ethical responsibility
- Apply knowledge of human anatomy and physiology
- Perform radiographic procedures correctly
- Properly operate radiographic equipment
- Apply radiation safety and protection practices
- Demonstrate critical thinking abilities

Accreditation

The Radiologic Technology program is accredited by the Southern Association of Schools and Colleges (SACS).

Program Prerequisites

The following courses must be completed with a minimum grade of “C” prior to applying to the Radiologic Technology program:

- BIOL 2401 Anatomy and Physiology I (4 sem. hrs)
- BIOL 2402 Anatomy and Physiology II..... (4 sem. hrs)
- PSYC 2314 Lifespan Growth and Development (3 sem. hrs)
- ORIE 0100 New Student Orientation(1 sem. hr)

BIOL 2401 and 2402 have prerequisite courses of BIOL 1413 (Zoology) or BIOL 1411 (Botany). It is suggested that you take the prerequisites. Prior approval from the instructor is required in order to omit these prerequisites.

Admission Requirements and Process

Students are admitted to this program through regular college admission procedures (see *Admission Regulations* section) and by satisfying the following additional requirements:

- Submit to the Radiologic Technology Office:
 - A Radiologic Technology application by the posted deadline
 - Copies of any professional licenses, certifications, or registrations
 - Official transcripts from all colleges/universities attended other than SWTJC
 - Health care related experience form
 - Tasks and requirements for clinical education form
 - Clinic travel acknowledgement form
 - Three statement of recommendation forms
 - Essay
- Applicants must have a minimum cumulative GPA of 2.5 on a 4.0 scale
- Take the Accuplacer exam and pass all areas.
- If Accuplacer exempt due to an alternate test, you must provide documentation of acceptable scores. This applies to ACT, SAT, TASP, ASSET, COMPASS, THEA or TAKS (exit level).

Acceptance is based on a point system. An application with incomplete records will not be considered for admission. The admission process is competitive and completion of minimum requirements is not a guarantee of admission. Students will be notified of acceptance in writing. A list of alternates will be established. Upon

acceptance in the Radiologic Technology program, the following must be submitted to the Radiologic Technology office:

- Evidence of good physical and mental health as reflected by a recent physical exam (within the past 6 months). The exam must include the following documentation:
 - Proof of negative TB skin test or chest x-ray results
 - Up-to-date immunization record to include the following (all are required): Mumps, rubella, rubeola, varicella, and tetanus. Proof of immunization must be official laboratory reports or a detailed, notarized statement from a physician.
 - The first of three injections of the Hepatitis B vaccination series. Series must be completed within the first year of the program.
- Proof of CPR for Health Care Providers (adult, infant, and child) prior to the first day of class.
- Submit to urine drug screening and criminal background check as directed by a program official.

Eligibility for ARRT Certification

The ARRT is the credentialing organization for Radiologic Technologists. In order to become nationally certified (RT(R)) and to receive a Texas Department of State Health Services license (CMRT), graduates of the program must pass the national ARRT examination in Radiography. Completion of all program didactic and clinical requirements DOES NOT guarantee eligibility to take the ARRT examination. Eligibility is also dependent upon ethics review and national criminal background check. Some issues addressed by the ARRT are:

- Conviction of a crime, which includes felony, gross misdemeanor, or misdemeanor, with the only exceptions being speeding and parking violations
- Alcohol and/or drug related violations
- Military court-martials
- Violations or sanctions related to the academic honor code

For further information, please visit the following websites www.arrt.org and www.dshs.state.tx.us/mrt, or speak to a program official.

**RADIOLOGIC TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE DEGREE**

	<u>Credit</u>
General Education Courses:	
Social & Behavioral Sciences	3
Humanities & Fine Arts	3
Natural Science & Math	11
Other	3
Total General Education Courses.....	20
Technical Education Courses	52
Total Credit Hours for A.A.S.	72

Program of Study

Prerequisites

ORIE 0100π	New Student Orientation					
	or					
COLS 0300	College Success Skills					
BIOL 2401 ¹	Anatomy & Physiology I.....	4				
BIOL 2402 ¹	Anatomy & Physiology II	4				
PSYC 2314 ¹	Lifespan Growth & Development.....	3				
Total		11				

FIRST YEAR

	<u>Fall Semester</u>	<u>Credit</u>		<u>Spring Semester</u>	<u>Credit</u>
RADR 1311	Basic Radiographic Procedures.....	3	RADR 2301	Intermediate Radiographic Procedures	3
RADR 1409	Intro. to Radiography and Patient Care.....	4	RADR 2313	Radiant Biology and Protection	3
RADR 2309	Radiographic Imaging Equipment	3	RADR 1360	Clinical-Radiologic Technology/ Science – Radiographer	3
RADR 1160	Clinical – Radiologic Technology/ Science - Radiographer.....	1	RADR 1213	Principles of Radiographic Imaging I.....	2
MATH 1314	College Algebra.....	3	ENGL 1301	Composition I.....	3
			ELECTIVE	Humanities and Fine Arts.....	3
Total		14	Total		17

SECOND YEAR

	<u>Summer Session I</u>	<u>Credit</u>		<u>Summer Session II</u>	<u>Credit</u>
RADR 1361	Clinical – Radiologic Technology/ Science –Radiographer	3	RADR 1362	Clinical – Radiologic Technology/ Science/Radiographer.....	3
Total		3	Total.....		3
	<u>Fall Semester</u>	<u>Credit</u>		<u>Spring Semester</u>	<u>Credit</u>
RADR 2460	Clinical – Radiologic Technology/Science – Radiographer.....	4	RADR 2461	Clinical – Radiologic Technology/ Science – Radiographer	4
RADR 2331	Advanced Radiographic Procedures.....	3	RADR 2235 ²	Radiologic Technology Seminar	2
RADR 2305	Principles of Radiographic Imaging II	3	RADR 2233	Advanced Medical Imaging	2
RADR 2236	Special Patient Applications.....	2	RADR 2240	Sectional Anatomy.....	2
			RADR 2217	Radiographic Pathology	2
Total		12	Total		12
			Total Credit Hours for A.A.S.	72	

- NOTES: 1 This course must be completed with a minimum grade of “C” prior to applying for admission to the program.
2 Capstone course that consolidates the student’s learning experiences.
π All students are required to take ORIE 0100 or COLS 0300; however, ORIE 0100/COLS 0300 do not count toward degree requirements.

Tuition and Fees

Students enrolling in the Radiologic Technology program pay regular tuition, fees. In addition students accepted in the program will be expected to pay the following additional fees:

Fall semester of freshman year

1. Uniforms (scrubs), 3 sets (tops and bottoms), color as specified by the program (\$100.00)
2. White lab coat, optional (\$35.00)
3. White tennis or nursing shoes (NO color) (\$60.00)
4. Program patches, one for each scrub top, and optional lab coat (3-4) (\$20.00)
5. Lead x-ray markers (program specific), 2 sets (\$35.00)

Spring semester of sophomore year

1. ARRT certification exam application (\$200.00)
2. Texas DSHS license (\$86.00)
3. Graduation cap, gown, and diploma (\$50.00)

All costs listed are estimated and are subject to change without notice.

Withdrawal and Dismissal Policy

SWTJC Radiologic Technology program reserves the right to request the withdrawal of any student whose health, conduct, personal qualities, or scholastic records indicate that it would be inadvisable for the student to continue in the program.

A student wishing to withdraw from the program and remain in good standing at SWTJC must participate in an exit interview with the program director. The student must also comply with the withdrawal procedures as stated in the college catalog under “Changes and Withdrawals” (see *Academic Regulations* section).

Refund Policy

See *Finances* section

Attendance Policy

Students are required to adhere to attendance policies as outlined in the college catalog and clinical handbook.

Graduation Requirements

Radiologic Technology students will be eligible for graduation upon satisfactory completion of all program didactic and clinical requirements. All courses must be completed with a grade of “C” or higher to qualify for graduation. Students who qualify for graduation are eligible to attend the May commencement ceremony. An associate of Applied Science degree (A.A.S.) will be conferred.

Students in the Radiologic Technology program are expected to adhere to program specific policies and procedures as outlined in the Radiologic Technology Program Student Handbook which can be found on the program’s web page at www.swtjc.edu.