

RADIOLOGIC TECHNOLOGY**GUIDED PATHWAY: RADIOLOGIC TECHNOLOGY**

For more information, visit <https://www.laredo.edu/Academic-Career-Pathways/health-sciences/aas-radiologic-technology.html> and your academic advisor.

Program Description: The Radiologic Technology Program educates the student for a career as a Radiologic Technologist. Radiologic Technologists use specialized equipment to perform diagnostic procedures on patients. They use X-rays to produce images that aid in diagnosing disease, trauma and physiological malfunction. Radiologic Technologists develop and critique radiographic images. They may assist physicians (Radiologists) who specialize in the use of ionizing radiation to diagnose and treat disease and injury. The student graduating from the RT program is awarded an Associate of Applied Science Degree in Radiologic Technology.

The Radiologic Technology Program functions in accordance with the mission statement of Laredo College. We strive to provide an educational experience that will produce competent entry level radiographers capable of addressing the needs of the constantly changing and challenging health care environment.

This is an example course sequence for students interested in pursuing an Associates of Applied Science in Radiologic Technology. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an Associate of Applied Science (AAS) degree in Radiologic Technology.¹

Visit [Career Pathways](#) to view guided pathways created for students who complete an AAS degree and the options for transfer. Speak with an academic advisor at your college to choose courses that will help you to transfer to a specific university

**COLLEGE READINESS REQUIREMENTS (only for the AAS)**

Enrolling in one or more courses may be necessary if assessment activities and previous academic experiences indicate a need for additional knowledge and skills:

READING & WRITING PLACEMENT

TSI MET: YES NO

IF NO, ADVISOR INSERT COURSE(S) NEEDED

☐ INRW _____

☐ OTHER: _____

MATH PLACEMENT

TSI MET: YES NO

IF NO, ADVISOR INSERT COURSE(S) NEEDED

☐ DEV MATH _____

☐ OTHER: _____

ENGLISH LANGUAGE PROFICIENCY

TSI MET: YES NO

IF NO, ADVISOR INSERT COURSE(S) NEEDED

☐ ESOL _____

☐ OTHER: _____

Exemptions/waivers may exist. Speak with an academic advisor regarding placement in college readiness courses and your ability to enroll in core academic coursework.

SEMESTER BY SEMESTER MAP FOR FULL-TIME STUDENTS²

D			PREREQUISITES	ACTION ITEMS
♦			BIOL 2301– Anatomy and Physiology I (C)	<input type="checkbox"/> Meet with your advisor to confirm academic and career goals before the end of the semester. <input type="checkbox"/> Meet with a career advisor or instructor to research your career options and opportunities for job shadowing.
♦			BIOL 2101 – Anatomy and Physiology I Laboratory	
♦			ENGL 1301– English I (C)	
♦			RADR 1309 – Introduction to Radiography & Patient Care	
TOTAL SEMESTER CREDIT HOURS: 10				
D			SEMESTER 1	ACTION ITEMS
♦			BIO 2302 – Anatomy and Physiology II (C)	<input type="checkbox"/> Meet with your advisor to file an official degree plan, confirm or update your academic/career path and program of study.
♦			BIO 2102 – Anatomy and Physiology Lab	
♦			RADR 1411 – Basic Radiographic Procedures	
♦			RADR 1213 – Principles of Radiographic Imaging I	
♦			RADR 1260 – Clinical-Radiologic Technology	
TOTAL SEMESTER CREDIT HOURS: 12				
D			SEMESTER 2	ACTION ITEMS
♦			RADR 2401 – Intermediate Radiographic Procedures	<input type="checkbox"/> Meet with your advisor to track your progress towards completion of program.
♦			RADR 2309 – Radiographic Imaging Equipment	
♦			RADR 1261 – Clinical – Radiologic Technology	
♦			PSYC 2314 – Life Span Growth and Development (C)	
TOTAL SEMESTER CREDIT HOURS: 12				
D			SUMMER SESSION I	ACTION ITEMS
♦			RADR 1262– Clinical – Radiologic Technology	
TOTAL SEMESTER CREDIT HOURS: 2				
D			SUMMER SESSION II	ACTION ITEMS
♦			RADR 1263– Clinical – Radiologic Technology	<input type="checkbox"/> Meet with a career advisor or coach for assistance in preparing for job search. <input type="checkbox"/> Meet with your advisor to track your progress towards completion of program.
TOTAL SEMESTER CREDIT HOURS: 2				
D			SEMESTER 3	ACTION ITEMS
♦			RADR 2305 – Principles of Radiographic Imaging II	Meet with Office of the Registrar and Admissions to verify student is eligible for graduation.
♦			RADR 2431 – Advanced Radiographic Procedures	
♦			RADR 2260 – Clinical – Radiologic Technology	
♦			PHIL 2306 – Introduction to Ethics (C)	

TOTAL SEMESTER CREDIT HOURS: 12

D		SEMESTER 4	ACTION ITEMS
◆		RADR 2217 – Radiographic Pathology	<ul style="list-style-type: none"> Meet with Office of the Registrar and Admissions to verify student is eligible for graduation.
◆		RADR 2313 – Radiation Biology and Protection	
◆		RADR 2335 – Radiologic Technology Seminar ³	
		RADR 2261 - Clinical – Radiologic Technology	

TOTAL SEMESTER CREDIT HOURS: 10**AAS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS/PATHWAY TOTAL: 60 SEMESTER CREDIT HOURS**

1. Degree plans may change in later catalogs. Be sure to consult with your advisor if you are continuing on an older degree plan.
 2. Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by Laredo College awarding the degree.
 3. Capstone Experience
- C** This course counts for the Core Curriculum at any public college or university in Texas.

Certification and Licensure Information

Graduates are eligible to sit for the national examination administered by the [American Registry of Radiologic Technologists \(ARRT\)](#).

Career Information

Common Job Titles

- Radiologic Technologist RT (R)
- Radiographer
- Staff Technologist
- X-Ray Technologist

Regional Labor Market Information

The average X-Ray Technician salary in Laredo, TX is \$57,352 as of June, 2023, but the range typically falls between \$51,110 and \$64,569. Salary ranges can vary widely depending on many important factors, including education, certifications, additional skills, the number of years you have spent in your profession.

Source: <https://www.salary.com/research/salary/benchmark/radiologic-technologist-i-salary>

Career and labor market research tools

- Quick Reference Guide at <https://www.laredo.edu/student-services/career-services/index.html>
- Bureau of Labor Statistics: <http://www.bls.gov/ooh/>,
- O*NET: <https://www.onetonline.org/>

Career Resources: Laredo College career services website provides information on career exploration and employment. Click [here](#) for more information transfer resources. Students are encouraged to consult with their area of study advisor for additional career assistance. The above information is provided as a guide and reference tool for occupations related to this program. This is not a guarantee of job placement in any of these occupations after successful completion of an LC program. The common job titles listed are representative titles and are provided for career research. These are not the only occupations possible in this area of study.

Transfer Information

The Associate of Applied Science in Radiologic Technology prepares students to directly enter the workforce; however, a Bachelor of Applied Sciences (BAS) or a Bachelor of Applied Technology (BAT) is an excellent alternative the RT degree. The Bachelor of Applied Sciences and/or Technology degree applies non-transferable courses and work experience towards the Bachelor's degree. You still must meet general education requirements and take upper level courses.

Transfer Guides: The universities listed here do not constitute a Laredo College endorsement. Transfer course evaluations and determination of which courses will count toward a Bachelor's degree are made by the receiving transfer institution.

Laredo College: Bachelor of Applied Science Organizational Leadership (BASORGL) <https://www.laredo.edu/Academic-Departments/organizational-leadership/index.html>

PIMA Medical Institute: Bachelor of Science in Health Care Administration (BSHCA) <https://pmi.edu>

Texas College: Bachelor of Applied Technology in Medical and Health Services Management (BAT-MHSM), Bachelor of Applied Science in Organizational Leadership (BAT-OL) <http://www.southtexascollege.edu>

Midwestern State University: Bachelor of Science in Radiologic Science (BSRS) <https://msutexas.edu/academics/hs2/radsci/index.php>

School of Health Professions at MD Anderson: Bachelor of Science in Diagnostic Imaging (BSDI) <https://www.mdanderson.org/education-training/degrees-programs/school-of-health-professions/academics/diagnostic-imaging.html>

Additional Transfer Resources: Laredo College [transfer planning guide website](#) provides information on additional colleges & universities. Students are encouraged to consult with a faculty advisor, area of study advisor, and/or their chosen transfer institution to ensure courses taken at LC will apply toward their bachelor's degree program.