

Lone Star College – CyFair Medical Radiology Technology Program Information Session

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Medical Radiology Technology Program

- The course of study for a radiologic technologist is a two-year program, leading to an associate of applied science degree. LSC-CyFair accepts one class each year into the radiologic technology program.
- The six-semester program includes two summer semesters, for a total of 63 credit hours.
- The program starts in the fall semester and ends in the 2nd summer semester.

Medical Radiology Technology Program

- The curriculum is a balance of general education and technical courses in the classroom and laboratory, as well as supervised clinical experiences at local hospitals and outpatient clinics.
- This combination provides the student an opportunity for educational development and assurance of competency in radiographic skills.

Medical Radiology Technology Program

- The program is designed to provide the student with the knowledge and skills to perform radiographic examinations, provide patient care and assist the radiologist during diagnostic procedures.
- Radiologic technologists are employed in medical centers, community hospitals, extended care facilities, physicians, offices, specialist clinics, and other health care institutions.

Medical Radiology Technology Program

- Prior to entering the Radiologic Technology AAS degree, students must take all of the general education core courses required in the program in order to gain points on their application.
- Radiologic technology students must earn a grade of C or better in each radiography (RADR) course and maintain an overall grade point average of at least 2.0 to graduate from the radiologic technology program.

Medical Radiology Technology Program

- To help assure success on the ARRT examination, the Lone Star College (LSC) radiography programs utilize an elevated grading scale with a minimum grade of 75 % on all radiology classes.
- The general education core will transfer to a variety of colleges and universities. For more specific information and the sequence of courses at each college, contact the program director or a college counselor.

Medical Radiology Technology Program

- In addition to the tuition and textbooks for the radiologic technology courses, there are additional fees and expenses. Students are required to purchase uniforms and accessories.
- Each student accepted into the program is required to purchase student liability insurance (subject to rates applicable at the time of registration), pay for a complete background check, as well as a drug screen, and obtain current immunizations as required by the Texas Department of State Health Services for healthcare providers.

Medical Radiology Technology Program

- Regulations require that students complete the Hepatitis B immunization series that may take between 3-6 months prior to patient contact.
- Each student is also responsible for his/her own transportation to the clinical areas.

Medical Radiology Technology Program

- Graduates of the Radiologic Technology AAS degree are eligible to apply for the certification examination in radiologic technology given by the American Registry of Radiologic Technologists (ARRT); arrt.org.
- Graduates are also required to apply for the Texas state MRT license through the Texas Medical Board at <http://www.tmb.state.tx.us/page/licensing-full-medical-radiologic-technologist>
- Employment in this field requires Texas licensure from the Texas Medical Board and a American Registry of Radiologic Technologists (State & National) license.

Medical Radiology Technology Program

Program Admission Process

- This is an application based program. Students interested in applying to the Medical Radiologic Technology Program should read the latest Medical Radiologic Technology program requirements.
- Because clinical space is limited, students are admitted on a competitive basis. In addition to the general admission requirements of Lone Star College (LSC), the following requirements must be met in order to be considered for admission to the Medical Radiologic Technology (MRT) AAS program.

Program Admission Process

- The course requirements listed below can be met through either enrollment at Lone Star College or approved transfer credits from other colleges and universities or test credit.
- A cumulative grade point average (GPA) of at least a 2.0 in high school and/or college.
If you have completed more than 24 semester hours of college courses, only the college GPA will be considered.
- Eligible to enroll in college-level math, reading, and writing classes based upon Texas Success Initiative (TSI) Assessment requirements

Required Pre-Requisites

- Completion of pre-requisites BIOL 2404 or BIOL 2401 and BIOL 2402 with a “C” or better within five years of application to the MRT program.
- The course must have been completed and grades posted in Lone Star College course history prior to submission of an application for the Radiologic Technology program.
- If coursework is older than 5 years when applying to the program, students must take BIOL 2404 in time to apply.

Academic Course Completion

- The following requirements will grant additional points towards the admission score, based on the grade received for the courses.
- (A = 4 points, B = 3 points, C = 2 points, D = 1 point)
- Completion of the following courses with a “C” or better:

Academic Course Completion

- MATH 1314 - College Algebra
- ENGL 1301 - Composition & Rhetoric 1
- PSYC 2301 - General Psychology
- Elective – [Choose from the Creative Arts/Language, Philosophy & Culture elections for Radiology in the current catalog.](#)

Bonus points for Completion of Related Coursework

- The following course requirements will grant **one (1)** additional point per course towards the admission score, based on a grade of C or better, up to a maximum of **five (5)** points.
- Introduction to Computer Science:
 - ITSC 1301 - Introduction to Computers
or
 - COSC 1301 - Introduction to Computers
or
 - BCIS 1305 - Business Computer Applications
- EDUC 1300 - Learning Framework: 1st Year Experience

Bonus points for Completion of Related Coursework

- HPRS 1001 - Intro to Health Professions
- HITT 1305 - Medical Terminology I
- HPRS 2300 - Pharmacology for Health Professions
- HPRS 2301 - Pathophysiology
- HPRS 2321 - Med. Law & Ethics for Health Professions

Work, Volunteer or Observation in Medical Imaging Experience

- If you have work, volunteer experience or observation time in medical imaging you may be given credit on the 2021 scoring worksheet for admission.
- The document can be found on our website.
- Your previous or current employer is required to complete and return the observation, volunteer/work experience verification form by email to the Program Director by email to;
Lawrence.e.Norris@Lonestar.edu

Licenses or Certifications

- If you have a License or certificate it **must be current and up to date** in order to be considered for credit on the 2021 scoring worksheet for admission.
- RN, CMA, Massage Therapy, Pharmacy Tech
- EMT, RESP, Paramedic, LVN, EMT Level 2
- PTA, Ortho Tech, EMT Basic
- RT(N)(T)(S), LMRT, CMA, Surgery Tech

PSB Aptitude Test

- **Online testing only for the PSB test and spots are limited, don't delay taking this exam!**
- Virtual testing will take place directly with the 3rd party company, PSB/Pearson VUE. Payment will be made directly to the virtual testing company, not LSC. **The cost will be \$85.**
- To pre-register for the test, send an email including your full name, LSC ID number, and Program Name to cyfair.testingcenter@lonestar.edu.
- PSB/Pearson VUE will email you directly with your next steps.

Lone Star College Admission Process (New Applicants)

- You must be 18 years of age or older at the time of application in order to apply to any Lone Star College Health Occupations Program
- Submit the LSC Online Application for admission.
- Ensure you select the Radiologic Technology Program on your LSC Online Application for admission.
- Submit an official high school transcript showing proof of graduation to the admission office at the LSC-CyFair.

Lone Star College Admission Process (New Applicants)

- Submit an official transcript from each non-LSC college or university you have attended to the admission office at either the LSC-CyFair. Transcripts must be received at Lone Star College **no later than 3 weeks prior to the end of the application period.**
- Submit any other test scores (i.e. ACT, SAT, AP, CLEP, IB).


Lone Star College Admission Process (Current Students)

- Contact the Radiologic Technology Program Workforce advisor and schedule a meeting to review if you meet admission requirements. Call 281-290-5229 and ask for an appointment with an workforce advisor.
- The advisor will review your academic record and advise you on next steps. If you are eligible to apply to the program, the advisor will initiate a change of major to reflect you interest in the program.
- **Lone Star College – CyFair MRT Admission Process**

Electronic Application Instructions

- **Transfer Students: Please call the Radiology Department at your LSC campus regarding a possible GPA error message.**
- Go to the Health Occupations Application page, <https://webapps1.lonestar.edu/healthoccupationsonlineapp/>
- Choose the program Log in with your username and password 1. Review the Requirements tab to see the items required to apply.
- Click FAQ for general questions & answers.

Electronic Application Instructions

- Click on the Application tab to review your Application Page. Click FAQ for general questions and answers. If any of your personal information has changed, please STOP NOW:  Go to www.lonestar.edu.
- Log into your MyLonestar account.
- Click the “Student” icon, then the “Profile” icon. View and update your name, address and phone numbers in the Personal Details area.

Electronic Application Instructions

- Once updated, return to the application page to: Complete the remaining highlighted sections on the application.
- Add any colleges or universities attended. Click Add School.
- Read the disclaimer at the bottom of the page and TYPE YOUR NAME into the box as it appears.
- Click SAVE for LATER

Electronic Application Instructions

- Click the Score Sheet tab to review your Score Sheet – If there are any errors or missing items, please contact the Rad Tech Office at LSC-CyFair
- - 281-290-3275 Diana.Pena@Lonestar.edu
- Once your score sheet is correct: Read the statement at the bottom TYPE YOUR NAME into the box as it appears.
- Click SAVE for LATER. Click FAQ to view general questions and answers.

Credit Advising Transcript

- Click the Document Uploading tab –Upload the following items:
- Credit Advising Transcript – How to get your Credit Advising Transcript: •
- Log into your “MyLonestar” account •
- Click on the “Student” icon. •

Credit Advising Transcript

- Click on the “Academic Records” icon. •
- Click on “View Unofficial Transcript”.
 - o Report Type: Advising Transcript •
- Click “Submit”. The report will open as a .pdf. Print or save, then scan and upload.

Program Admission Process

- The applicants will be ranked according to the criteria on the Score Sheet.
- Students will be selected based on the highest cumulative scores based on the MRT Program admission criteria.

Program Admission Process

- Final acceptance into the program is contingent upon a satisfactory background check (as required by hospitals) that is completed by a college approved agency at the student's expense.
- Clinical facilities may also require completion of satisfactory drug screening.

Program Admission Process

- Students accepted into the program are also required to submit proof of required immunizations, TB test, and proof of current CPR certification (2 year healthcare provider type).
- All expenses related to these items are the responsibility of each student.

Legal Information

- Lone Star College Policy is consistent with Texas law as to requirements and admission of any resident or non-resident student. For admission and tuition purposes, residency is defined within Texas Education Code §54.052.
- In addition, LSC will notify students prior to, but not as a condition or requirement of admission, that health care facilities will require students to have a Social Security number or a Visa as a condition of being assigned to a clinical facility. Students who are unable to complete the LSC health program clinical skills requirement will not be able to complete the program due to a lack of clinical placement.

Legal Information

- Additionally, LSC will notify students that a Social Security number or a Visa may be required for a background check,
- May also be required for taking the licensing examination upon completion of program requirements.

Legal Information

- **Relating to Notice to Students of Consequences of Criminal Conviction on Licensure:**
- Occupations Code Title 2 Chapter 53 Subchapter E Sec. 53.152 (**#121.2**)
- An entity that provides an educational program to prepare an individual for issuance of an initial occupational license shall notify each applicant to and enrollee in the educational program of the **potential ineligibility of an individual who has been convicted of an offense for issuance of an occupational license on completion of the educational program.**

HIV & AIDS Policy Information Dissemination

- TEC Sec. 51.919 (CII #135.3)
- The curricula of medical, dental, nursing, allied health, counseling, and social work degree programs of institutions of higher education shall: (1) include information about:

HIV & AIDS Policy Information Dissemination

- (A) methods of transmission and methods of prevention of HIV infection; and (B) federal and state laws, rules, and regulations concerning HIV infection and AIDS;)
- Give special attention to the physical, emotional, and psychological stress associated with the care of patients with terminal illnesses.

Questions

- Email: Diana.Pena@lonestar.edu
- Phone: 281-290-3275, 281-290-3926 or 281-2905229