



DIAGNOSTIC MEDICAL IMAGING (RADIOLOGIC TECHNOLOGY)

Radiologic Technologists make up the third-largest group of health care professionals—surpassed in number only by physicians and nurses. A primary responsibility of many technologists is to create images of patients' bodies using medical equipment. This helps doctors diagnose and treat diseases and injuries.

The Diagnostic Medical Imaging program (DMIP) at Long Beach City College is dedicated to providing high-quality education and clinical practicum to qualified students. It is responsive to the diverse needs of the local medical community. It specializes in the education and training that lead to entry-level employment as a Radiologic Technologist and an Associate of Science Degree. The program emphasizes the necessity of professional development and life-long learning as a competent and ethical health care professional.

This program requires the student to participate in clinical experience concurrent with DMIP classroom courses. Clinical responsibilities will be arranged by the Diagnostic Medical Imaging Program faculty and will include day, evening, and/or weekend assignments. The student receives no salary for this clinical experience but will receive course credit toward program completion.

Successful DMI program completion requires the following:

- 1) completion of all required radiologic technology courses as outlined in catalog /curriculum guide, and
- 2) completion of approximately 1900 clinical hours, and
- 3) completion of all requirements for an associate in science degree as required by Long Beach City College (Plan 2612), **OR** possess an associate degree or higher (Plan 3612).

Eligibility for the American Registry of Radiologic Technologists (ARRT) Radiography registry exam and California Department of Public Health -Radiological Health Branch (CDPH-RHB) CRT and Fluoroscopic permit examination are dependent upon meeting these requirements. Successful applicants have the right to use the title "Registered Radiologic Technologist" R.T. (R) CRT

LBCC College Application Procedures

LBCC College applications to become an LBCC college student are accepted on a continuous basis.

1. Apply for admission to the college through the Admissions Office (applications are available online at <http://www.lbcc.edu/admissions>.)
2. Submit transcripts from high school and previous college work to the Admissions Office and the School of Allied Health and Science.

DMI Program Application Requirements and Placement on the DMI Program Wait List

***Prospective students must apply to the college (see above) and become a registered LBCC College student first.

DMI Program Applications and placement on the DMI Program waitlist are not accepted until the following prerequisites are met:

1. Graduation from an accredited high school, or the equivalent.
2. Cumulative grade point average of 2.5 or higher in ALL college coursework.
3. Completion of AH 60, AH 61, and ANAT 41 within five years of the DMI application date with a letter grade of “C” or better.
4. Students MUST attend one of the DMI program monthly *information sessions* prior to application submission.
5. Complete the Diagnostic Medical Imaging Program application form (**in person only**) and bring the completed application form and documentation to the School of Allied Health and Science, Room C100.
6. Students MUST keep the Admissions and Records Office AND the School of Health and Science advised of their current e-mail address, home address, and telephone number and any name changes. All changes MUST be submitted in writing.
7. All applicants will be notified by email regarding the status of their applications.

* DMI program applications are accepted on a continual basis.

** The DMI Program typically has a waitlist of applicants, we HIGHLY suggest that the candidate complete the application requirements and apply to the DMI program first. Placement on the DMI waitlist is based upon application submission date. While the candidate is on the waitlist, we suggest that they complete their associate degree courses and take the ATI TEAS exam.

Information Session

The Diagnostic Medical Imaging Program (DMIP) holds monthly information sessions from September to June (EXCEPT JANUARY). Please look up times, days, and locations of the information session on the LBCC website under “explore our programs” then “Health” and then “DMI Program / Radiology”. You may also contact the Allied Health Office, DMI Program Director, Allied Health Coordinator, or the counseling office.

1. Students MUST attend one of the DMIP information sessions before their DMIP application is accepted. If a student submits a DMI application prior to attending one of the DMI information meetings, their application submission date will be changed to the date when they attended the DMI information meeting. Placement on the DMI waitlist is based upon application submission date.
2. Students who need additional information about the Diagnostic Medical Imaging Program are welcome to attend.

DMI Program waitlist

Candidates are placed on a waitlist, based on completed application accepted date. Applicants who do not attempt the TEAS exam within one year of application date will have their applications removed off the waitlist.

ATI TEAS Exam (Test of Essential Academic skills)

At the time of applying to the DMI program in person at the Allied Health Office (Building C, Room C-100), applicants will have the opportunity to acquire information on the TEAS EXAM, TEAS help, and TEAS examination dates. TEAS exams **MUST** be scheduled through the Allied Health Office and is offered throughout the year. The applicant has 3 attempts to pass the TEAS exam with a score of 62% or higher. The cost per exam is about \$70.00. If the applicant does not attempt the TEAS exam within one-year of the application date, the applicant's application will be removed. If the candidate wishes to re-enter the waitlist, they will have to re-apply to the DMI program and are placed on the waitlist based on their new application date.

General Information Items

1. A strong command of the English language, both written and verbal, is essential for successful completion of the program.
2. Evidence of physical and emotional fitness by medical examination and ability to meet the physical demands as outlined in the LBCC DMI Program Policies
3. The radiography student must possess the capabilities of self-mobility, visual acuity, manual dexterity, oral communication, and hearing acuity and/or lip reading as outlined in the LBCC DMI Program Policies.
4. The radiography student must demonstrate the intellectual capacity to learn by retaining and recalling critical concepts and performing examinations both on campus and in clinical within the time constraints according to clinical objectives and community standard of care while administering safe patient care as outlined in the LBCC DMI Program Policies. (Extra time is not allowed)
5. The radiography student must demonstrate critical thinking - the ability to use ethically sound professional reasoning in making justifiable decisions in relation to examinations, diagnosis, and management of the patient within the time constraints according to clinical objectives and community standard of care (Extra time is not allowed)
6. Service animals are not allowed during the clinical rotation and during on-campus skills education/assessment.
7. A current and clear background check, AHA BLS Provider CPR card, vaccinations, flu shot, TB test, LBCC physical health form, drug test, and malpractice insurance are required also during the Summer of the 1st year. (An unclear background may prevent the student from completing clinical requirements and jeopardize ARRT and CDPH certification.)
8. The Program is 30 months in length, beginning each Spring semester. Each student must complete approximately 1,900 hours of clinical practicum and approximately 1800 hours of didactic courses. Most courses are conducted Monday through Saturday. Most courses are between 6 AM and 10 PM.

DMI Program Admission Requirements and Selection Process

The following is considered in the selection process during the month of November for the following Spring DMI Program class:

1. Date of DMI Program application.
2. **Either** completion of the LBCC General Education requirements for an associate degree Plan A, B, or C **OR** possess an associate degree or higher.
3. Must pass within three attempts and within 3 years of the DMI application date the ATI TEAS (Test of Essential Academic Skills) exam with a score of 62% or higher. Older TEAS versions are not accepted.
4. Provisionally accepted students must attend the MANDATORY DMI ADVISORY meeting, scheduled in December, prior to the DMI program starting in the spring semester to progress in the DMI program. *

1. DMI Program application submission
2. Completion of items # 2, 3, and 4 under "Program Admission Requirements and Selection Process"

* Due to their service to our country and time away from public life, up to 6 veterans per year are given immediate placement into the next available DMI Program class.

Upon Acceptance to the DMI Program

Every accepted applicant must provide a current criminal background check, complete vaccinations, obtain an AHA Healthcare Provider BLS CPR card, obtain liability insurance, complete a drug test, complete the health evaluation form, be able to perform essential physical functions, and complete a latex allergy form. Additional information regarding this is provided at program acceptance. The background check will include criminal offense, criminal history, sex offender check, and social security trace. (An unclear background may prevent the student from being accepted into one of our affiliated clinical facilities as well as completing clinical requirements.)

Upon Completion of the DMI Program

Upon Program completion, the DMI Program graduate is eligible to take the American Registry of Radiologic Technologists (ARRT) national certification exam. Through the California Department of Public Health – Radiological Health Branch (CDPH-RHB), California State CRT certification is awarded upon passing the ARRT Radiography exam, applying for the CRT certification, and making payment for the CRT certificate. Once obtaining the CRT certification, graduates are eligible to take the CDPH Fluoroscopy permit exam. Upon passing the ARRT radiography exam, obtaining the CDPH CRT certificate, and passing the CDPH Fluoroscopy Permit exam, the DMI program graduate will have the right to use the title “Registered Radiologic Technologist” R.T. (R) CRT. LBCC DMI program graduates who possess their ARRT, CRT, and Fluoroscopy permit certification may pursue further education thru an educational institute or “on the job” training in Ultrasound, Nuclear Medicine, Radiation Therapy, Interventional Radiology, Cardiac Cath Lab, Mammography, MRI, CT, Management, or Radiography education.

Information about the graduate courses/schools may be obtained at www.arrt.org or www.asrt.org or the California Department of Public Health at www.cdph.ca.gov.

Accreditation

The Long Beach City College DMI Program is accredited by the Accrediting Commission of Community and Junior Colleges of the Western Association of Schools and Colleges. The LBCC Diagnostic Medical Imaging (DMI) Program is approved by the American Registry of Radiologic Technologists (ARRT) and the California Department of Public Health – Radiologic Health Branch (CDPH-RHB).

Eligibility for the ARRT Exam

Eligibility for the ARRT examination requires the candidate to complete an ARRT approved Radiology Program, possess a minimum of an associate degree, and be of good moral character. Conviction of a misdemeanor or felony may disqualify the candidate. An Ethics pre-application review may be pursued by contacting the ARRT at www.ARRT.org. There are specific parameters regarding the charge or conviction of a felony or misdemeanor. An applicant may contact the ARRT to determine if he/she will be disqualified due to legal circumstances. The process to determine eligibility is titled "ETHICS PRE- APPLICATION REVIEW" and the cost is approximately \$100.00.

CONTACTS:

Joseph D. Carfagno, Program Director
Diagnostic Medical Imaging
Email: jcarfagno@lbcc.edu

Marc D. Smith, Program Coordinator
Nursing & Allied Health Department
Email: m4smith@lbcc.edu