
RADIOLOGIC TECHNOLOGY PROGRAM BROCHURE

LOS ANGELES CITY COLLEGE

1

**LOS ANGELES CITY COLLEGE RADIOLOGIC
TECHNOLOGY PROGRAM IS CELEBRATING OVER 50
YEARS OF COMPETENCY BASED QUALITY EDUCATION.**

RADIOLOGIC TECHNOLOGY PROGRAM 1958-2009

2

TABLE OF CONTENTS

RADIOLOGIC TECHNOLOGY ASSOCIATE SCIENCE DEGREE

| | |
|---|--------------|
| RADIOLOGIC TECHNOLOGY - A CAREER | 5 |
| ACCREDITATION | 6 |
| CERTIFICATION | 7 |
| ADMISSION TO THE PROGRAM | 8 |
| HEALTH REQUIREMENTS | 8 |
| PREREQUISITE COURSES | 9 |
| APPLICATION FILING PERIOD | 10 |
| APPLICATION PROCEDURES | 11 |
| TECHNICAL STANDARDS | 12-14 |
| CURRICULUM | 15-17 |
| ASSOCIATE DEGREE REQUIREMENTS | 18 |

3

TABLE OF CONTENTS

RADIOLOGIC TECHNOLOGY ASSOCIATE SCIENCE DEGREE

| | |
|---|--------------|
| FINANCIAL EXPENDITURES | 19 |
| FEES (per semester) | 19-20 |
| ADDITIONAL EXPENSES (estimated) | 20-21 |
| HOUSING | 21 |
| FINANCIAL AID | 22 |
| TRANSPORTATION | 22 |
| EQUAL OPPORTUNITY POLICY | 23 |
| POLICY ON PRE-APPLICATION OF ELIGIBILITY FOR ARRT CERTIFICATION AND REGISTRATION | 24 |
| CONTACT INFORMATION | 25 |

4

RADIOLOGIC TECHNOLOGY - A CAREER

Radiologic Technology is a health care profession whose practitioners work in hospitals, clinics, free standing imaging centers, and private offices. The Radiologic Technologist (Radiographer) is a member of the health care team who works directly with the patient and the physician performing a wide variety of diagnostic x-ray procedures including Computed Tomography, Magnetic Resonance Imaging, and Positron Emission Tomography (PET/CT). The Radiographer must be proficient in the knowledge of radiographic exposure, human anatomy and positioning the patient to demonstrate the desired anatomy, the operation of specialized equipment, and the assessment, care and management of the patient. The rapid expansion of medical diagnostic imaging has greatly increased the diversity and utility of medical diagnosis. A career in Radiologic Technology offers vast opportunities for advancement.

5

ACCREDITATION

The Radiologic Technology curriculum is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT) 20 N Wacker Drive Suite 2850 Chicago, IL 60606 Phone (312) 704-5300 and the State of California Department of Health Services.

The clinical educational centers are accredited by the Joint Commission for the Accreditation of Health Care Organizations (JCAHO). Los Angeles City College is accredited by the Western Association of Schools and Colleges.

6

CERTIFICATION

Students who complete the associate degree requirements including the clinical education requirements will be eligible to take the certification examinations prepared by the American Registry of Radiologic Technologists (ARRT) and the State of California, Department of Health Services, Radiologic Health Branch (CRT)

In addition, LACC offers special certification for California Fluoroscopy Permit certification, Intravenous Contrast administration and State approved 20 hours Digital Imaging Program.

7

ADMISSION TO THE PROGRAM

The college accepts a limited number of students into the program, which is based on the number of clinical education positions available. Should the number of qualified applicants exceed the number of available openings; a simple lottery will be implemented.

HEALTH REQUIREMENTS

Upon acceptance into the Radiologic Technology Program, the student must have a physical examination performed by a licensed physician at the student's expense. Documentation must be submitted to prove the student is free from communicable diseases, infection, psychological disorders or other conditions that prevent the successful performance of the responsibilities and tasks required in the Program.

8

PREREQUISITE COURSES

The following minimum requirements must be satisfied prior to acceptance into the Program. Students must consult the Los Angeles City College Catalog for prerequisites to any of the courses below.

A. **LIFE SCIENCE**

1. Anatomy 1*
2. Physiology 1*

B. **COMMUNICATIONS**

1. English 101 OR
2. English 28 & English 67

C. **MATHEMATICS**

1. Math 115 (or higher)

D. **RADIOLOGIC TECHNOLOGY**

1. RT 100
2. RT 101
3. RT 102 **

* Combined Anatomy and Physiology classes must total 8 units of credit.

** RT 102 must be completed at Los Angeles City College
Prerequisite courses **must** be completed with a minimum grade of "C".

9

APPLICATION FILING PERIOD

1. Students are admitted to the Program once per year in the fall semester.
2. Applications must be submitted between February 1 and March 31 for admittance to the Program beginning in Fall semester of the same year.
3. All information necessary to complete applicant's file must be received by March 31. It is the applicant's responsibility to make sure all necessary information is on file. **NO EXCEPTIONS.**
4. Late applications will not be accepted.

10

APPLICATION PROCEDURES

1. Application to the Program DOES NOT include enrollment to Los Angeles City College. A separate application for admission to the College must be processed through the Admissions Office.
 2. Applications for admission to the Program may be picked up in person or requested in writing from:

Radiologic Technology Department
Los Angeles City College
855 North Vermont Avenue
Los Angeles, CA 90029
 3. Submit Program application and official college transcript(s) directly to the Radiologic Technology Department.
 4. Prerequisite courses "In Progress" during the Spring Semester application period will allow processing of the Program application.
-

11

TECHNICAL STANDARDS

Radiography requires proficiency in the application of technical knowledge, operation of specialized equipment in a competent and safe manner, and the ability to provide physical care and emotional support to patients during radiographic procedures. Therefore, in order to be admitted to the Program, or to be retained in the program after admission, all applicants should possess:

1. Visual acuity, such as needed in the accurate preparation and administration of contrast media and for the observation necessary for patient assessment, care and management.
 2. Auditory perception to receive verbal communication from patients needing assistance and from members of the health care team.
 3. Communication skills (speech, reading, writing) to interact effectively and sensitively with patients in order to elicit information; describe changes in patient's condition; assess non-verbal communications; and be able to effectively and efficiently transmit information to patients, fellow students, faculty, staff and all members of the health care team.
-

12

TECHNICAL STANDARDS

4. Gross and fine motor coordination- to carry out diagnostic procedures including reaching, lifting, and moving radiographic equipment. Applicants should be able to execute motor movements reasonably required to provide general and emergency care to patients.
5. Intellectual ability to be able to measure, calculate, reason, analyze and evaluate as required for direct patient care. The applicant must be able to comprehend three-dimensional and spatial relationships.
6. Emotional stability to enable use of intellectual abilities, exercise good judgment, promptly complete all responsibilities attendant to care of the patients.
7. Social attributes to allow the development of mature, effective relationships with patients, faculty, co-workers and administrators.

The "Technical Standards for Admission" have been established as a guidance tool for use in realistically informing the student of minimum standards needed to satisfactorily function in the Program and ultimately in the profession.

13

TECHNICAL STANDARDS

The assessment of an applicant's compliance to these Standards will be accomplished in the following manner:

1. Faculty counseling to determine applicant's goals and expectations.
2. A physical examination performed by a licensed physician.
3. Program Admissions Committee meeting to identify deficiencies that may become barriers to the professional success of the student.

Applicants who may be deficient in one or more of the areas mentioned above should contact the Program Director. The Program Admissions Committee will seriously consider applicants who are deficient in any of these categories, providing the deficiency can be remedied with reasonable accommodation.

Students who are accepted into the Radiologic Technology Program must complete a Drug screening test and Criminal background check at their cost prior to beginning the Radiology Program.

14

CURRICULUM

The program **requires a full time, two-year commitment**. Classroom and laboratory courses are held at the College and are scheduled Monday through Friday between the hours of 8 a.m. and 7 p.m. A late afternoon, early evening, or an occasional Saturday class may be necessary.

Clinical education is offered at the following medical facilities:

1. Good Samaritan Medical Center
2. Kaiser Permanente Medical Center-Sunset
3. Kaiser Permanente Medical Center-West Los Angeles
4. St. Vincent Medical Center

The clinical education schedule is full time, 36-hours per week for 12 months, the student meets regularly with the Program Director at the College at prearranged times.

The following courses are taken after the student has been formally accepted into the Radiologic Technology Program:

15

CURRICULUM

Required Courses=1st year

| | Units |
|---|-------|
| Fall Semester Radiologic Technology 103- Radiographic Anatomy and Positioning- Skeletal System | 4 |
| Spring Semester Radiologic Technology 104- Radiographic Anatomy and Positioning -Cranium and Visceral Organs | 4 |
| Fall Semester Radiologic Technology 105- Fundamentals of X-ray Physics | 3 |
| Spring Semester Radiologic Technology 106- Radiographic Exposure | 3 |
| Fall Semester Radiologic Technology 107- Patient Care and Management | 3 |
| Fall Semester Radiologic Technology 110- Radiographic Mathematics | 2 |
| Spring Semester Radiologic Technology 140- Radiation Protection and Biology | 3 |

16

CURRICULUM

Clinical Experience= 2nd year

| | |
|--|-------|
| Spring Semester 1 st year | Units |
| Radiologic Technology 160- Introduction to Clinical Education | 4 |
| Summer Semester 2 nd year | |
| Radiologic Technology 180- Clinical Education in Radiologic Technology (Summer & Winter Sessions) | 12 |
| Fall & Spring Semester 2 nd year | |
| Radiologic Technology 180- Clinical Education in Radiologic Technology (Fall & Spring Semester) | 24 |

17

ASSOCIATE DEGREE REQUIREMENTS

To complete general education requirements in this area of study, Plan B for the AA/AS Degree required.

Plan B: Please consult with a counselor about specific courses needed or see the college catalog "Graduation Requirements" section. Plan B is not designed for transfer to a four-year college.

- 3 Units English Composition
- 3 Units Natural Sciences
- 3 Units Social/Behavioral Sciences (including American History & governments)
- 3-5 Units Math Competency
- 3-4 Units Health/Physical Education
- 3 Units Humanities
- 3 Units Communication/Analytical thinking

18

FINANCIAL EXPENDITURES

Legal residents of the State of California are required to pay nominal enrollment fees. Non-resident students are required by State law to pay non-resident tuition fees. Consult Los Angeles City College Admissions and Records for current fees. (Fees are subject to change per the State Legislature.) In addition, students may expect other fees and expenses during the length of the program.

FEES (per semester)

| | |
|--|------------------------------|
| 1. Enrollment Fee | \$ 26.00 per unit (72 units) |
| 2. Associated Student Body Membership (optional) | \$ 7.00 |
| 3. Health Fee | \$ 11.00 |
| 4. Parking Fee (optional) | \$ 27.00 |

19

ADDITIONAL EXPENSES (Approximate Fees)

| | | |
|---|---------------------------------|------------------|
| 1. Certification Examinations | | \$400.00 |
| ARRT Radiography- \$150 CRT Radiography- \$75 | | |
| ARRT Fluoroscopy-\$100 CRT Fluoroscopy-\$75 | | |
| 2. Graduation expenses | (one time) | \$150.00 |
| 3. Identification Badge | (one time) | \$8.00 |
| 4. Liability/Malpractice insurance | (annually) | \$68.00 |
| 5. Pre-entrance medical examination | (one time) | \$200.00 |
| 6. Professional organizations | (annually) | \$75.00 |
| 7. Program Pin | (one time) | \$20.00 |
| 8. Textbooks and supplies | (entire program) | \$600.00 |
| 9. Uniforms | (entire program) | \$200.00 |
| 10. Drug Testing and Background Check | (prior to start of program) | \$100.00 |
| 11. Immunizations | (one time) | \$200.00 |
| 12. Total Cost | (Approximate Total Cost) | \$3893.00 |

20

HOUSING

Los Angeles City College does not provide housing facilities. However, there are many apartment houses available for rent/lease in the immediate vicinity. The Student Assistance Center on campus provides active files of available housing.

21

FINANCIAL AID

Financial aid is monies made available by federal and state governments and private sources in the form of grants, scholarships, loans and employment. These monies are available to make it possible for students to continue their education beyond high school even if they and their family cannot meet the full cost of the post-secondary school they choose to attend. The basis for such programs is the belief that parents have the primary responsibility of assisting their dependents to meet educational cost and that financial aid is available only to fill the gap between a family's contribution and the student's yearly academic expenses.

Data and regulations governing student financial aid may be subject to change. For further information, refer to the Los Angeles City College Catalog.

TRANSPORTATION

Students are responsible for their own transportation to the campus and to the clinical education facilities. The Metro Subway System has a Station on the Red Line that stops at the LACC Campus.

22

EQUAL OPPORTUNITY POLICY

All programs and activities of the Los Angeles Community College District are operated in a manner which is free of discrimination on the basis of race, color, national origin, ancestry, religion, creed, sex, pregnancy, marital status, sexual orientation, age, disabled, or veteran's status. For detailed information, consult the Los Angeles City College Catalog.

23

POLICY ON PRE-APPLICATION OF ELIGIBILITY FOR ARRT CERTIFICATION AND REGISTRATION

An individual who has been involved in a criminal proceeding or who has been charged with or convicted of a crime may file a pre-application with the ARRT in order to obtain a ruling on the impact of the situation on their eligibility for certification and registration. A charge or conviction of, a plea of guilty to, or a plea of nolo contendere (no contest) to an offense which is classified as a misdemeanor or felony constitutes a conviction for ARRT purposes. This includes situations in which the result is deferred or withheld adjudication, or suspended or withheld sentence.

This procedure may enable the individual who has been involved in a criminal proceeding or has a criminal conviction to avoid any delays or possible ineligibility in processing an Application for Examination that is made at the time of graduation from an approved program. If a student thinks they may need to file a pre-application they will need to contact a faculty member of the Radiologic Technology Department for more information.

24

CONTACT INFORMATION

RADIOLOGIC TECHNOLOGY DEPARTMENT

(323) 953-4000 Ext. 2940

Department Chair: Professor John Radtke
(323) 953-4000 Ext. 2943

Professor Jacquelynn Finney
(323) 953-4000 Ext. 2941