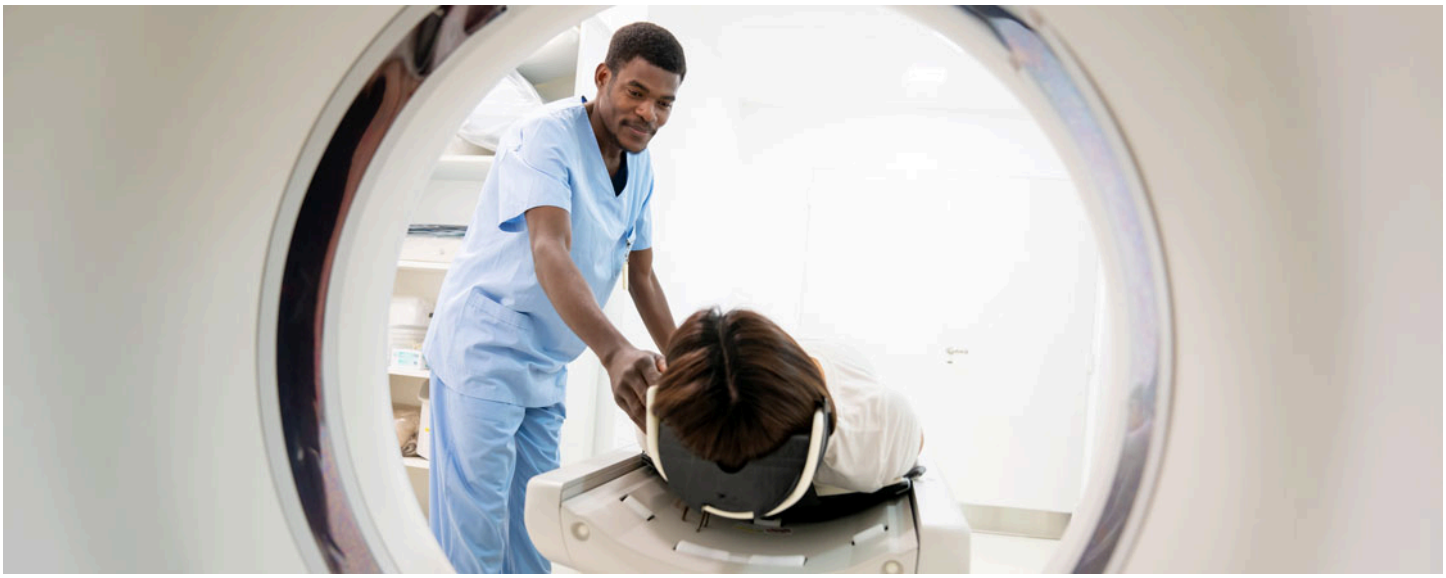
COMPUTED TOMOGRAPHY, BASIC CERTIFICATE



College(s): MX

Program Code: 0469

The purpose of the Computed Tomography Basic Certificate is to provide licensed radiologic technologists with the opportunity to develop discipline-specific knowledge and skills to meet all the guidelines and to become certified by the American Registry of Radiologic Technologists (ARRT) as a diagnostic computed tomography technologist.

Program Requirements

Code	Title	Hours
Required Program Core		
RADIOGR 252	Cross Section Anatomy I	2
RADIOGR 253	Cross Section Anatomy II	2
RADIOGR 254	CT Principles I	2
RADIOGR 255	CT Principles II	2
RADIOGR 258	CT Patient Care & Radiation Safety	2
Required Work-Based Learning Courses		
RADIOGR 256	Computed Tomography Clinical Education I	4
RADIOGR 257	Computed Tomography Clinical Education II	4
Total Hours		**18**

This is an **example course sequence** for students interested in a Basic Certificate (BC) in Computed Tomography. It does not represent a contract, nor does it guarantee course availability.

Semester-by-Semester Program Plan for Full-Time Students

All plans can be modified to fit the needs of part-time students by adding more semesters.

Semester 1		Hours
RADIOGR 258	CT Patient Care & Radiation Safety	2
RADIOGR 252	Cross Section Anatomy I	2
RADIOGR 254	CT Principles I	2
RADIOGR 256	Computed Tomography Clinical Education I	4
	Hours	**10**
Semester 2		
RADIOGR 253	Cross Section Anatomy II	2
RADIOGR 255	CT Principles II	2
RADIOGR 257	Computed Tomography Clinical Education II	4
	Hours	**8**
	Total Hours	**18**

Choose your courses with your College Advisor.

Program Admission Requirements

In order to enter the program, candidates must:

meet general admissions requirements for Malcolm X College,

have a minimum cumulative GPA of 2.5 in all college level work,

have a current ARRT certification and state license from the Illinois Emergency Management Agency (IEMA).

Admission requirement for the clinical education component:

satisfactorily complete of a health form and immunizations, drug screen, background check,

submit a copy of a current American Heart Association Healthcare Provider CPR card,

submit a copy of health insurance.

Careers

This program can prepare students for the jobs listed below. Click on each one to learn more, including average earnings, annual job openings, and how much education people in that field have. For additional guidance and resources on career options, current City Colleges students and alumni can contact the Career Services Office (https://www.ccc.edu/departments/Pages/Career-Services.aspx).

Radiologic Technologists and Technicians

Job Description

Take x-rays and CAT scans or administer nonradioactive materials into patient's bloodstream for diagnostic or research purposes. Includes radiologic technologists and technicians who specialize in other scanning modalities.

Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

Annual Wages

Entry-Level 10th Percentile	$54,135
Median 50th Percentile	$75,623
Senior-Level 90th Percentile	$102,708

Hourly Wages

Entry-Level 10th Percentile	$26
Median 50th Percentile	$36
Senior-Level 90th Percentile	$49

Annual Job Openings

230 annual openings in Cook County

National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	0.00%
A certificate	16.52%
Some college	0.00%
An Associate degree	72.85%
A Bachelor's degree	10.63%
A Master's or Professional degree	0.00%
A Doctoral degree or more	0.00%

10.63% continue their education beyond an associate degree