

CURRICULUM PLAN

This 24-month educational program prepares the student for a career in the field of radiologic technology. Classes are scheduled throughout the entire calendar year and require full-time attendance. Students are also required to have **PRIOR TO ADMISSION** a minimum of 15 college credit hours, with mandatory hours in Math, and English/Communication/Speech, and Sciences.

REQUIRED SEMESTER I OFFERED BY THE CITY COLLEGES OF CHICAGO

Biology 120 (Medical Terminology)	3 HOURS: 3 college credits
Biology 116 (Human Structure and Function I) or higher level structure & function	5 HOURS : 4 college credits

Weekly Contact Hours	Weekly Contact Hours
SEMESTER I - August – December -Introduction to the Health Sciences 3 • <i>Patient Care in Radiologic Sciences</i> • <i>Fundamentals of Radiologic Science and Health Care:</i> • <i>History and Ethics and Law in Radiologic Sciences:</i> -Radiographic Positioning I 6 -Principles of Radiographic Exposure I 4 • <i>Radiation protection</i> • <i>Intro to Radiation Physics & Imaging Equipment</i> • <i>Intro to Imaging</i> • <i>Film Screen Image Acquisition and Processing</i> -Introduction to Health Occupations – (Clinical Applications) 16	SEMESTER III - August – December -Radiation Biology/Radiation Protection 3 -Radiographic Positioning III 3 -Principles of Radiographic Exposure III 4 • <i>Review Imaging Equipment</i> • <i>Basic Principles of Computed Tomography</i> • <i>Digital Image Acquisition and Display</i> • <i>Intro to Advance Diagnostic and Therapeutic Imaging</i> -Radiographic Pathophysiology & Specialized Procedures 4 • <i>Pharmacology & Drug Administration</i> -Advanced Imaging & Professional Development 2 -Radiography II – (Clinical Applications) 22
SEMESTER II - January - May -Radiographic Positioning II 6 • <i>Venipuncture</i> -Principles of Radiographic Exposure II 4 • <i>Health Physics</i> • <i>Imaging & Image Analysis</i> -Radiation Physics 4 • <i>Imaging Equipment</i> • <i>Radiation Production and Characteristics</i> -Human Diversity & Communication 2 -Radiography I - (Clinical Application) 22	SEMESTER IV - January - May -Radiologic Technology – (Clinical Application) 40
SUMMER SESSION I- May - August -Image Analysis & Critical Thinking 2 -Internship I - (Clinical Application) 38	SUMMER SESSION II - May - August -Professional Transition II 8 -Internship II - (Clinical Applications) 32

The above courses require a C or higher to pass and complete program requirements.

Official transcripts are required for general education course verification

A contact hour is each sixty (60) minute period of lecture, laboratory or clinical assignments