Eugenio Maria de Hostos Community College of the City University of New York
Academic Advisement, Division of Academic Affairs
For an Associate in Applied Science (A.A.S.) Degree in Radiologic Technology

Radiologic Technology (A.A.S.)

- *Radiologic Technology is the art and science of using radiation to provide images of the tissues, organs, bones, and vessels that comprise the human body. These images may be recorded on film or displayed on a video monitor. The radiologic technologist is responsible for the production of these images and is an essential member of the health care team. The Radiologic Technology Program is designed to provide students, who will work under the direction of a radiologist, with the essential skills needed to use ionizing radiation as a means of determining the nature of disease or injury.*

- *Students participate in classroom lectures, in activities in the department's energized laboratory, and in clinical experiences at affiliate hospitals. Learning approaches include the use of audio tapes, radiographic films, slides, computers, and laboratory assignments.*

- *Students will be required to adhere to all regulations and policies as outlined in the Radiologic Technology Student Handbook. Clinical education commences in the spring semester of the freshman year and continues through the six-semester program. The Radiologic Technology Program is accredited by The New York State Department of Health, Bureau of Environmental Radiation Protection, and The Joint Review Committee on Education in Radiologic Technology.*

Program of Study for the A.A.S. Degree in Radiologic Technology

A. Credit Distribution

General Education Requirements	23
Major Requirements	41.5
Total Credits for A.A.S. Degree	64.5

B. General Education Requirements

These courses will introduce and educate students in fundamental areas of knowledge.

English		**Credits**
ENG 110	Expository Writing	3
ENG 111	Literature and Composition	3

Natural Sciences

BIO 230	Anatomy and Physiology I and Lab	4
BIO 240	Anatomy and Physiology II and Lab	4

Mathematics

MAT 105	Mathematics for Allied Health	3
MAT 130	Computer Literacy	3

Health & Human Services

HLT 124	Medical Terminology	3
Total General Education Requirements		**23**

C. Major Requirements

These courses will provide knowledge in both fundamental and advanced areas of the radiologic sciences. They will provide an educational experience that culminates in the production of a competent, professional radiologic technologist who can function effectively as a member of the health care team.

Radiologic Technology		**Credits**
XRA 110	Radiography I & Lab	2.5
XRA 111	Radiologic Science I & Lab	2.5
XRA 112	Radiologic Physics	2

XRA 113	Topographic Anatomy I	2
XRA 114	Profess Practice Issues in Diagnostic Imaging	2
XRA 120	Radiography II & Lab	2.5
XRA 121	Radiologic Science II & Lab	2.5
XRA 122	Radiation Protection	2
XRA 123	Topographic Anatomy II	1
XRA 124	Contrast Media	1
XRA 129	Clinical Radiography I	2
XRA 139	Clinical Radiography II	3
XRA 210	Radiation Biology	1
XRA 211	Advanced Procedures I	1
XRA 219	Clinical Radiography III	2.5
XRA 220	Pathology	2
XRA 221	Advanced Procedures II	1
XRA 222	Applied Quality Assurance	2
XRA 229	Clinical Radiography IV	2.5
XRA 230	Seminar	2
XRA 239	Clinical Radiography V	2.5
Total Major Requirements		**41.5**

NOTE:

To progress into the clinical phase of the program, students must meet the following criteria:

- **Minimum cumulative grade point average (GPA) of 3.0 at Hostos.**
- **Successful completion of MAT 105, BIO 230, and BIO 240 with a grade of "B minus" or better and all other required general education courses with a grade of "C" or better.**
- **Successful completion of XRA 114: Professional Practice Issues in Diagnostic Imaging with a grade of "C" or better.**