

**Eugenio Maria de Hostos Community College of the City University of New York
Academic Advisement, Division of Academic Affairs**

**Academic Advisement Major Code # 48
For an Associate in Applied Science (A.A.S) Degree in Radiologic Technology**

Radiologic Technology

- 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	22.0
Major Requirements.....	41.5
Total Credits for A.A.S. Degree	63.5

B. General Education Requirements

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

English

ENG 110	Expository Writing	3.0
ENG 111	Literature and Composition	3.0

Natural Sciences

BIO 230	Anatomy and Physiology I and Lab	4.0
BIO 240	Anatomy and Physiology II and Lab.....	4.0

Mathematics

MAT 020	Elementary Algebra.....	2.0
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One of the following higher-level math courses may be substituted:

MAT 030, MAT 100, or MAT 160		
MAT 130	Computer Literacy	3.0

Health & Human Services

HLT 124	Medical Terminology	3.0
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Total General Education Requirements.....22.0

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	2.0
XRA 113 Topographic Anatomy I.....	2.0
XRA 114 Profess Practice Issues in Diagnostic Imaging	2.0
XRA 120 Radiography II & Lab	2.5
XRA 121 Radiologic Science II & Lab	2.5
XRA 122 Radiation Protection	2.0
XRA 123 Topographic Anatomy II	1.0
XRA 124 Contrast Media	1.0
XRA 129 Clinical Radiography I.....	2.0
XRA 139 Clinical Radiography II.....	3.0
XRA 210 Radiation Biology.....	1.0
XRA 211 Advanced Procedures I	1.0
XRA 219 Clinical Radiography III	2.5
XRA 220 Pathology	2.0
XRA 221 Advanced Procedures II	1.0
XRA 222 Applied Quality Assurance	2.0
XRA 229 Clinical Radiography IV.....	2.5
XRA 230 Seminar	2.0
XRA 239 Clinical Radiography V	2.5
Total Major Requirements ...	41.5