

PROGRAM OF STUDY FOR THE A.A.S. DEGREE IN RADIOLOGIC TECHNOLOGY

*** Effective September 2016 ***

<u>A. Credit Distribution</u>	<u>Credits</u>
General Education Courses.....	23.0
Radiologic Technology Courses.....	<u>41.5</u>
Total Credits for A.A.S.	64.5

B. General Education Courses **Credits**

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

Health & Human Services

HLT 103	Interpersonal Relations and Teamwork.....	3.0
HLT 124	Medical Terminology.....	3.0

Mathematics

MAT 105	Mathematics for Allied Health Sciences.....	3.0
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Natural Sciences

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

Total General Education Courses	23.0
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C. Radiologic Technology Courses

Credits

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.

Level 1 - Fundamental Courses

XRA 110	Radiography I and Lab	2.5
XRA 111	Radiologic Science I and Lab.....	2.5
XRA 112	Radiologic Physics	2.0
XRA 113	Radiographic Anatomy I	2.0
XRA 114	Professional Practice Issues in Diagnostic Imaging.....	2.0
XRA 120	Radiography II and Lab.....	2.5
XRA 121	Radiologic Science II and Lab	2.5
XRA 122	Radiation Protection	2.0
XRA 123	Radiographic Anatomy II.....	1.0
XRA 124	Contrast Media	1.0
XRA 129	Clinical Radiography I	2.0
XRA 139	Clinical Radiography II.....	3.0

Level 2 - Advanced Courses

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 Radiologic Technology Courses

41.5

A.A.S. DEGREE IN RADIOLOGIC TECHNOLOGY

ACADEMIC PROGRAM PLANNING GUIDE

The following material should be used as a guide to design your personal academic plan. Your specific program should be designed with the assistance of an academic advisor.

PRE-CLINICAL CRITERIA

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

1. Minimum cumulative grade point average (GPA) of 3.0 at Hostos.
2. 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.
3. Two Writing Intensive Courses are required for graduation. XRA 121 is a writing intensive course. It is recommended that the first writing intensive course be taken as a pre-requisite prior to obtaining entry into the x-ray program.

Pre-Clinical Requirements

Credits

General Education Courses

Academic

BIO	230	Anatomy & Physiology I and Lab	4.0
BIO	240	Anatomy & Physiology II and Lab	4.0
ENG	110	Expository Writing.....	3.0
ENG	111	Literature and Composition	3.0
HLT	103	Interpersonal Relations and Teamwork	3.0
HLT	124	Medical Terminology.....	3.0
MAT	105	Mathematics for Allied Health Sciences.....	3.0

Total Credits 23.0

CLINICAL COURSE SEQUENCE

First Year, Fall Semester

		<u>Credits</u>	
		Academic	Billable
XRA 110	Radiography I and Lab.....	2.5	(3.5)
XRA 111	Radiologic Science I and Lab	2.5	(3.5)
XRA 112	Radiologic Physics.....	2.0	(3.0)
XRA 113	Radiographic Anatomy I.....	2.0	(3.0)
XRA 114	Professional Practice Issues in Diagnostic Imaging	2.0	(2.0)
Total Credits		11.0	(15.0)

First Year, Spring Semester

		<u>Credits</u>	
		Academic	Billable
XRA 120	Radiography II and Lab	2.5	(3.5)
XRA 121	Radiologic Science II and Lab (<i>writing intensive</i>)	2.5	(3.5)
XRA 122	Radiation Protection.....	2.0	(3.0)
XRA 123	Radiographic Anatomy II	1.0	(1.0)
XRA 124	Contrast Media.....	1.0	(1.0)
XRA 129	Clinical Radiography I.....	2.0	(3.0)
Total Credits		11.0	(15.0)

First Year, Summer Session

		<u>Credits</u>	
		Academic	Billable
XRA 139	Clinical Radiography II.....	3.0	(12.0)
Total Credits		3.0	(12.0)

Second Year, Fall Semester

		<u>Credits</u>	
		Academic	Billable
XRA 210	Radiation Biology	1.0	(1.0)
XRA 211	Advanced Procedures I	1.0	(1.0)
XRA 219	Clinical Radiography III	2.5	(6.0)
Total Credits		4.5	(8.0)

Second Year, Spring Semester

		<u>Credits</u>	
		Academic	Billable
XRA 220	Pathology	2.0	(3.0)
XRA 221	Advanced Procedures II.....	1.0	(1.0)
XRA 222	Applied Quality Assurance	2.0	(2.0)
XRA 229	Clinical Radiography IV	2.5	(6.0)
Total Credits		7.5	(12.0)

Second Year, Summer Session

		<u>Credits</u>	
		Academic	Billable
XRA 230	Seminar	2.0	(6.0)
XRA 239	Clinical Radiography V	2.5	(6.0)
Total Credits		4.5	(12.0)

