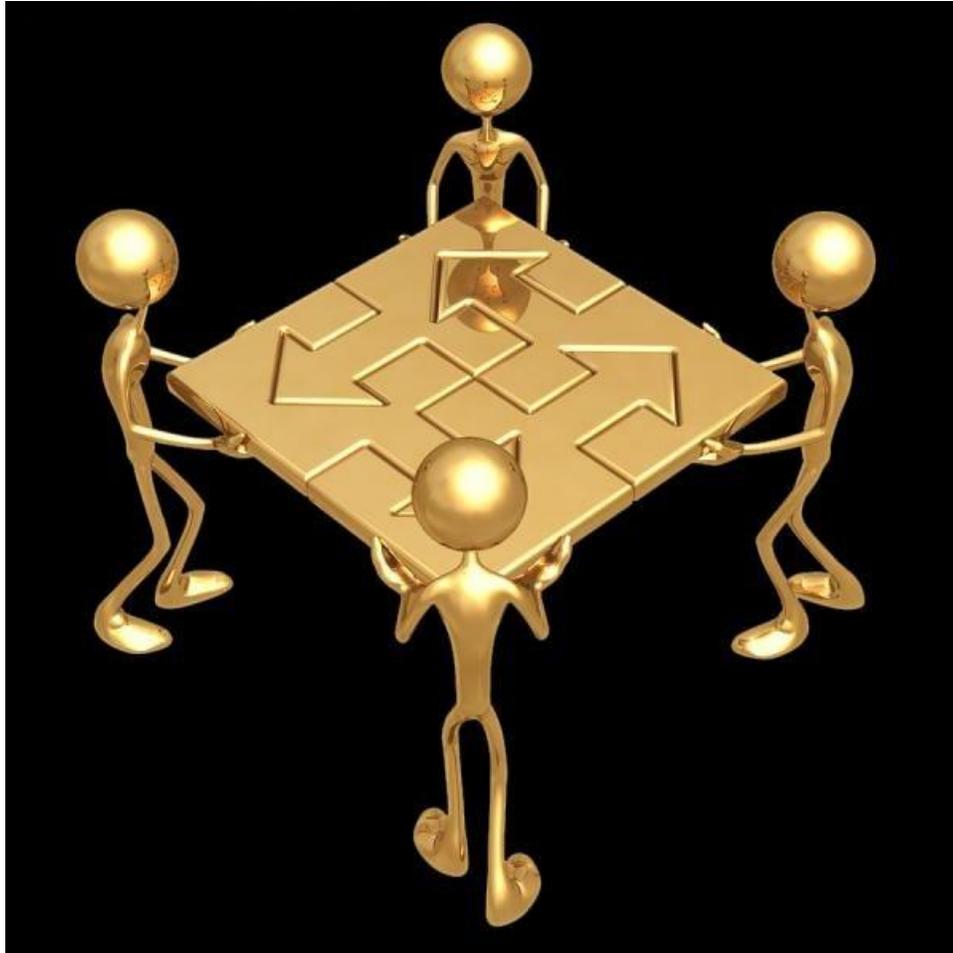


Eugenio María de Hostos Community College  
of The City University of New York



**Working together to improve health care for all!**

**Radiologic Technology Program  
Information Booklet**

**Revised July 2018**



**This booklet was prepared to answer the questions commonly asked by prospective students interested in Hostos Community College's Radiologic Technology (Radiology) Program.**

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**1. How accurate is the information in this booklet?**

**This booklet is revised, updated and reprinted every July; the new booklet replaces and voids all previous versions.** The information in this booklet was accurate as of the date on the cover. However, rules, regulations, tuition, student activity fees, etc., are subject to change.

For the most up-to-date information, you should contact a faculty member from the program. Advisement by other faculty may result in misinformation and cause lost time and/or effort.

**2. Who should I go to for the most up-to-date information about the program?**

You should contact a faculty member from the program. The department is located at 475 Grand Concourse, on the third floor. This is also called the “**A**” building or the “*Shirley J. Hinds Allied Health and Science Complex*.” The general number for the program is:

**(718) 518-4123**

**The following faculty and staff are available to answer your questions:**

Prof. Drago, <i>Program Coordinator</i> .....	A-307C
Prof. Stelmark .....	A-307U
Prof. Chelladurai .....	A-307J
Prof. Livingston .....	A-307E
Prof. Arya.....	A-307T
<i>Clinical Coordinator</i> .....	A-307S
Mr. Tejada, <i>College Laboratory Technologist</i> .....	A-407
Ms. Vargas, <i>Administrative Assistant</i> .....	A-307D

### **3. Do I have to go for academic advisement?**

Yes. You should contact a faculty member from the program during the academic advisement period. Advisement by other faculty may result in misinformation and cause lost time and/or effort.

If you wish to take advantage of the early registration period you must go for academic advisement first. This will allow you to register for your courses online before the regular registration period begins.

Registering for classes during early registration will provide you with many more options as more courses and sections will be available. By the time the regular registration period begins many courses and sections are already closed.

### **4. Can a new freshman or transfer student enter directly into the program?**

The City University of New York (**CUNY**) maintains an open enrollment policy. Anyone who wishes to enter Hostos and declare radiologic technology as their major is encouraged to do so. However, students may not progress into the clinical phase of the program until they have completed all the pre-clinical criteria. If you wish to enroll at Hostos, please contact:

**Admissions Satellite Center**

Main (B) Building

500 Grand Concourse (at 149<sup>th</sup> Street)

**Main Floor**

Bronx, NY 10451

Phone: (718) 319-7900

E-mail: [\*\*admissions@hostos.cuny.edu\*\*](mailto:admissions@hostos.cuny.edu)

**Please Note:**

*Acceptance into Hostos does not guarantee progression into the clinical phase of the program.*

**5. I have taken radiology courses outside of Hostos; can I transfer into the program with advanced standing?**

No. Transfer students are not given advanced standing within the Radiologic Technology Program; they must meet the same criteria for progression into the clinical phase of the program as students already enrolled at Hostos. After completing all the pre-clinical criteria they will advance into the clinical phase of the program with the next available class.

*(For specific details, go to question # 11.)*

**6. I have taken general education courses outside of Hostos; can I transfer them to the Hostos Radiologic Technology Program?**

Yes. Students may transfer credits earned at other accredited colleges provided that:

- the courses were taken at institutions that are accredited by one of the regional accrediting commissions recognized by CUNY
- the courses are comparable to those offered at Hostos Community College
- the courses were taken within the time frame allowable by the comparable department at Hostos Community College
- a grade of “B minus” or better was obtained for BIO 230, BIO 240 and MAT 105
- a grade of “C” or better was obtained for all other general education courses

A credit evaluator at the *Office of Admissions and Recruitment* evaluates transfer credits prior to or during the first semester of attendance. The maximum number of credits that may be transferred to Hostos is thirty (30).

However, there are only twenty-three (23) general education credits in the program of study for the A.A.S. degree in radiologic technology. Therefore, ***only twenty-three (23) general education credits may be applied toward the A.A.S. degree in radiologic technology*** regardless of the number transferred to Hostos.

*(For specific details, go to question # 7.)*

**Please Note:**

1. *The actual grade does transfer to Hostos.*
2. *The grade point average (GPA) does not transfer to Hostos; it will be excluded from the Hostos GPA regardless of the GPA obtained at the other institution.*
3. *Incoming students establish a new GPA at Hostos after completing courses here.*

**7. Which general education courses can be applied to the program of study for the A.A.S. degree in radiologic technology?**

The courses must be comparable to the following courses offered at Hostos:

<u>General Education Courses</u>	<u>Credits</u>
BIO 230 Anatomy and Physiology I and Lab .....	4.0
BIO 240 Anatomy and 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
<b>Total Credits</b>	<b>23.0</b>

**8. Is there a waiting list for the program?**

There are many students in the process of completing the pre-clinical coursework. After completing all the pre-clinical criteria they will advance into the clinical phase of the program with the next available class.

*(For specific details, go to question # 11.)*

A new group of students advance into the clinical phase of the program every September. In recent years, there have been a number of students who have completed all the prerequisites, but must wait until the next available class to begin the program. The Program Coordinator maintains a list of these students and personally meets with them during the advisement period to assist them with meeting their career goals.

**Please Note:**

*The next available class **may not necessarily be the next fall semester.** If that fall semester is already filled, the student will be accepted into the following fall semester.*

## 9. How long is the program?

Depending upon the students' placements scores when they enter Hostos, they may complete all the pre-clinical requirements in as little as one (1) year.

During the clinical phase of the program, students must be available to attend classes Monday through Friday, from 8:00 a.m. to 5:00 p.m. for two (2) additional years — including both summer sessions.

## 10. When does the clinical phase of the program begin?

Students begin the clinical phase of the program when they progress into XRA 110 Radiography I and XRA 111 Radiologic Science I. Both radiologic science courses are only offered in the first year, fall semester and both have a clinical/laboratory component.

## 11. What are the criteria for progression into the clinical phase of the program?

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

#### General Education Courses

			<u>Credits</u>
			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.....	<u>3.0</u>

**Total Credits      23.0**

**12. Do I really have to repeat MAT 105, BIO 230, or BIO 240 if I successfully completed the course with a grade of “C” or “C+”?**

Yes. To be accepted into the clinical phase of the radiologic technology program all students must successfully complete MAT 105, BIO 230, and BIO 240 with a grade of “B minus” or better.

**13. What is the procedure for repeating MAT 105, BIO 230, or BIO 240 to earn a higher passing grade?**

CUNYfirst prevents students from registering for courses they have already successfully completed. However, if a student secures **special permission** prior to attempting to register for the course, CUNYfirst will allow the registration to take place.

**To repeat MAT 105**, students must get permission from either the Chair or Deputy Chair of the Mathematics Department:

Prof. Nieves Angulo  
Chair, Mathematics Department  
500 Grand Concourse  
**Room B-416**  
Bronx, NY 10451  
Phone: (718) 518-6628

Prof. Anders Stachelek  
Deputy Chair, Mathematics Department  
500 Grand Concourse  
**Room B-415**  
Bronx, NY 10451  
Phone: (718) 518-6810

**To repeat BIO 230 or BIO 240**, students must get permission from either the Chair of the Natural Sciences Department or the Coordinator of the Biology Unit:

Prof. Francisco Fernandez  
Chair, Natural Sciences Department  
475 Grand Concourse  
**Room A-507I/P**  
Bronx, NY 10451  
Phone: (718) 518-4136

Prof. Julie Trachman  
Coordinator, Biology Unit  
475 Grand Concourse  
**Room A-507D**  
Bronx, NY 10451  
Phone: (718) 518-4132

**14. How many times may I repeat MAT 105, BIO 230, or BIO 240 to earn the minimum grade required by the program?**

**For MAT 105** it is determined by either the Chair or Deputy Chair of the Mathematics Department.

**For BIO 230 or BIO 240** it is determined by either the Chair of the Natural Sciences Department or the Coordinator of the Biology Unit.

**15. What are the criteria for progression into the clinical phase of the program for a readmitted student?**

Students readmitted into Hostos must meet all the program criteria that are in effect at the time they are readmitted. *If the criteria have changed since the student was originally admitted, they must meet the new criteria.*

**16. How do I find my GPA for the courses I completed at Hostos?**

Several Hostos documents already contain your cumulative GPA:

- It is listed on your transcript; look at the most recent printout you received from the Registrar's Office, or request an updated copy.
- It is listed on the DegreeWorks/Degree Audit; log onto your DegreeWorks account and follow the online instructions.
- It is listed on CUNYfirst; log onto your CUNYfirst account and follow the online instructions.

**17. Do the criteria for progression into the clinical phase of the program ever change?**

The radiologic technology faculty periodically reviews the admissions criteria. This is necessary to ensure that the criteria meet all the mandates of the program's accrediting agency, *The Joint Review Committee on Education in Radiologic Technology (JRCERT)*. The faculty also performs an annual outcomes assessment analysis of the program. After carefully reviewing all the JRCERT mandates and its annual evaluation, the faculty may modify the admissions criteria. The current admissions criteria (as of the date on the cover of this booklet) are listed in the *Program of Study for the A.A.S. Degree in Radiologic Technology* printed on the last four pages of this booklet. *(For specific details, go to questions # 11.)*

**Please Note:**

*For the most accurate, up-to-date, and future admissions criteria, you should contact a faculty member from the program. Advisement by other faculty may result in misinformation and may cause lost time and/or effort.*

## **18. Are there additional requirements for the hospital externships?**

Yes. Hospitals mandate that students meet the same requirements as their new employees. These include, but are not limited to:

- Providing documentation of immunizations
- Providing documentation of immigration status
- Providing documentation of their legal eligibility to work
- Having a physical examination, which may include drug testing
- HIPAA (Health Insurance Portability and Accountability Act) training
- Background checks are required for all clinical affiliates

You will receive more specific information from your faculty advisor when you advance into the clinical phase of the program.

## **19. Is there any time off during the clinical phase of the program?**

Yes. You will also receive time off during January, the final exam period, and all the legal holidays observed by the college. Please remember that you must be available to work full-time Monday through Friday from 8:00 a.m. to 4:00 p.m. during both summer sessions as part of your clinical externship.

## **20. How long are the hospital externships during the summer sessions?**

Radiology students are assigned to work at one of the program's hospital affiliates full-time Monday through Friday from 8:00 a.m. to 4:00 p.m. during the summer sessions. The exact dates of the summer session changes each summer; however, clinical externships usually begin the first week of June and end in August.

Students receive time off from the clinical externship for all the legal holidays observed by the college.

**21. Do I pay full tuition during the summer sessions?**

You must attend a clinical externship during both summer sessions. Attendance is required Monday through Friday, from 8:00 a.m. to 4:00 p.m. to receive credit for your externships you must register for them as credit-bearing college courses.

**22. Will the hospital pay me for the work I perform or reimburse me for the tuition I pay?**

No. You will not receive any money from the hospital. You should keep in mind that the hospital is allowing you to use their equipment and patients to master your clinical skills. Also, it costs the hospital money because of their increased operating costs.

**23. How many hours per week is the program?**

The program is full-time, five-days-a-week. You must be available to attend classes Monday through Friday between the hours of 8:00 a.m. and 5:00 p.m.

**24. What type of degree does Hostos grant?**

Hostos awards graduates of the program an Associate in Applied Science (**A.A.S.**) degree.

**25. Are any of the radiology courses taught in Spanish?**

No. All radiology courses are taught in English because the National Certification and New York State licensure examinations are only offered in English.

**26. Is there a specific course sequence I must follow?**

Yes. All radiology (**XRA**) courses are reserved for students who have advanced into the clinical phase of the program. Students do not enroll into advanced radiology courses until all prerequisite courses have been successfully completed.

**27. Can I register for only a few of the "block" of radiology courses?**

No. You must register for the entire block of required radiology courses each semester.

**Please Note:**

*During the first week of classes, the Program Coordinator confirms registration.*

**28. How will I know which radiology courses to register for each semester?**

Once you have been admitted into the clinical phase of the program, you will meet with a faculty member from the program for academic advisement every semester. You will receive a printed list of the required radiology courses for the next semester. If you lose the list, you should contact the Program Coordinator prior to registration.

The first two (2) digits of the course number can also be used to identify the "blocks" of radiology courses. All the courses in the block will begin with the same first two digits.

**\* Radiology Course Numbers \***

	<u>First Year</u>	<u>Second Year</u>
Fall semester	XRA 11...	XRA 21...
Spring semester	XRA 12...	XRA 22...
Summer session	XRA 13...	XRA 23...

**29. Can I register online for radiology courses?**

Yes. However, only students who have been given permission by a faculty member of the program can enroll in a radiology (XRA) course.

**Please Note:**

*Students who enroll for a radiology (XRA) course without proper authorization will have that course dropped from their registration.*

### **30. What should I do if a radiology course is closed?**

If you have successfully completed all the pre-clinical criteria and progressed into the clinical phase of the program, a faculty member from the program will assist you in registering for the course.

### **31. Can I work while in the program?**

Full-time employment is *not* recommended. Students who have worked a full-time job while pursuing a degree in radiologic technology have a very low success rate. The clinical phase of the program requires many hours of intensive studying while you are also undergoing "on-the-job" medical training several days a week at one of the hospital affiliates. Students who do best are those who are strongly motivated and willing to devote much of their free time to studying and homework.

### **32. Is it possible to take only early morning classes so I can work part-time during the day?**

No. The mandatory radiology courses are only offered during specific times and you must enroll in all the courses when they are offered. You will not be able to work any daytime hours outside Hostos.

### **33. Are any radiology courses offered in the evening?**

No. Radiology courses are only offered during the day. However, evening laboratory assignments are occasionally required.

### **34. Do I have to take any writing intensive (WI) courses?**

Yes. All students entering Hostos are required to complete two (2) writing intensive (WI) courses before graduation. These specially designed sections will help you improve your writing skills and your understanding of course material.

**Please Note:**

*The "Schedule of Classes" is distributed each semester. It includes a list of all the writing intensive (WI) sections available for that semester. **This information is also available on the college's website.***

**35. Are any radiology courses writing intensive?**

Yes. The program does offer one XRA writing intensive course (XRA 121 and Lab) during the first year, spring semester.

**Please Note:**

*Students must successfully complete two writing intensive courses to graduate.*

**36. Are any of the general education courses offered in the evening?**

Yes. Most of the general education courses are offered in the evening. However, once you have progressed into the clinical phase of the program, specific daytime sections are reserved for radiology students.

**37. Why are general education courses required?**

To receive an Associate in Applied Science (A.A.S.) degree from the City University of New York (CUNY), a specific portion of the coursework must be completed in general education areas.

**38. What is the tuition at Hostos?**

Tuition at Hostos is the same as any other branch of CUNY:

NY State Residents' Full-time Tuition: .....	\$2,400.00 per semester
Student Activity Fee: .....	61.75 per semester
Technology Fee (full-time): .....	125.00 per semester
Consolidated Services Fee: .....	15.00 per semester
University Student Senate Fee: .....	<u>1.45 per semester</u>
<b>TOTAL: .....</b>	<b>\$2,603.20 per semester</b>

Using the figures above, the total cost for six semesters is approximately **\$15,619.20**. However, CUNY fees are subject to periodic increases; therefore, please contact the Admissions Satellite Center.

*(For specific details, go to question # 4.)*

**39. Are there any other expenses?**

Yes. You must provide your own textbooks, uniforms, white shoes, name badges, arm patches, radiographic markers, and background check. This will add approximately **\$2,300**.

#### **40. Is financial assistance available?**

Yes. Specially trained personnel are available to assist qualified students in obtaining financial aid. For specific information about procedures and deadlines, please contact:

**Office of Financial Aid**

Savoy (D) Building

120 East 149<sup>th</sup> Street (at Walton Avenue)

**Rooms B-112-115**

Bronx, NY 10451

Phone: (718) 518-6555

E-mail: [finaid@hostos.cuny.edu](mailto:finaid@hostos.cuny.edu)

#### **41. How difficult are the radiology courses?**

The level of difficulty is the same as other comparable allied health careers. To succeed you need to be very motivated and prepared to spend the necessary amount of time studying. How difficult a student views the program has more to do with how prepared they are when they enter the program, whether they are experiencing outside distractions, and how motivated they are.

#### **42. Is there a lot of teacher-student contact during the program?**

Yes. You will be closely supervised throughout the clinical phase of the program. Professors who are licensed and certified in radiography teach all radiologic science lectures and laboratory sections. In addition, many of the professors are also licensed and certified in related allied health fields and all the clinical supervisors and supervising radiographers are licensed and/or certified as well.

#### **43. Is a lot of math and science required before entering into the program?**

A background in math and science is important for anyone entering into the allied health sciences.

*(For list of all the required math and science courses, go to question # 7.)*

**44. If I am weak in math or science, is it still possible for me to be successful in the program?**

Yes. The college provides free peer tutoring as funds become available. In the past, the following subjects have received funding: mathematics, algebra, biology, and all the radiologic science courses.

**45. Will I be accepted into the program as soon as I complete all the required general education courses?**

The criteria for progression into the clinical phase of the program are NOT based solely upon the completion of the general education courses. After completing *ALL the pre-clinical requirements*, students are accepted for the next available class. (For specific details, go to question # 11.)

**Please Note:**

*The next available class may not necessarily be the next fall semester. If that fall semester is already filled, the student will be accepted into the following fall semester.*

**46. Is there a part-time, weekend, or evening program available?**

No. Students must be available to attend classes full-time, Monday through Friday, from 8:00 a.m. to 5:00 p.m. – including both summer sessions.

**47. I am a student with a disability; can I still enter into the program?**

Yes. The program does not discriminate against students with disabilities. However, students admitted to the program must have the cognitive, affective and psychomotor abilities necessary to complete both the academic and clinical requirements of the program. Please contact the Program Coordinator as soon as possible to discuss your specific situation.

#### **48. I am a student with a disability; how do I declare my status so I can receive appropriate accommodations?**

As required by section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, reasonable accommodations are provided to ensure equal opportunity for students with *verified disabilities*.

It is important that all prospective and current students be aware of the essential functions necessary to complete the radiologic technology program requirements. These are the same as the technical and physical job requirements for all radiologic technologists working in the field today.

##### ***Students must be able to:***

1. Assess and accurately execute requisitions, orders, charts, directions, and other job related documents and communications.
2. Independently travel through the radiology department and to other departments and floors of the hospital.
3. Assist patients to transfer from beds, wheelchairs, and stretchers to the radiographic table and back.
4. Give clear verbal commands to a patient and communicate effectively with patients and professional staff; including with individuals wearing masks.
5. Independently access, adjust, and operate radiographic equipment.
6. Independently assess the ongoing functioning of the radiographic machine and other equipment.
7. Independently assess radiographic images, controls, labels, and observe patients.
8. Work in a sterile environment, prepare sterile fields, and fill sterile syringes.

If you have a disability that requires accommodations, contact:

##### **Accessibility Resource Center (ARC)**

Raymond Perez, Student Disability Services Manager

Savoy (D) Building

120 East 149<sup>th</sup> Street (at Walton Avenue)

**Room D-101P**

Bronx, NY 10451

Phone: (718) 518-4454 (Voice/TTY)

E-mail: [RMPerez@hostos.cuny.edu](mailto:RMPerez@hostos.cuny.edu)

If you are already registered with the **ARC** and have a letter from them verifying that you are a qualified student with a disability, please present the letter to the instructor as soon as possible. The instructor will work with you and **ARC** to plan and implement appropriate accommodations.

**Please Note:**

*Students who do not register with the Accessibility Resource Center and have their disability verified are not eligible to receive any special accommodations.*

**49. I have been convicted of a felony or a misdemeanor; can I still enter into the program?**

Any student may apply for admission to a matriculated program at CUNY regardless of criminal history.

The New York State Department of Health and the American Registry of Radiologic Technologists (ARRT) require that all applicants for licensure and certification be of good moral character.

A conviction of, a plea of guilty to, or a plea of *nolo contendere* (no contest) to an offense which is classified as a misdemeanor or felony ***constitutes a conviction for ARRT purposes.***

Individuals having been convicted of a crime must file a pre-application with the ARRT to obtain a ruling on the impact these convictions may have on their eligibility for licensure and certification. ***The individual should submit the pre-application to the ARRT within 60 days of entering the program.*** The pre-application form may be obtained from the Program Coordinator. For additional information speak to the Program Coordinator.

**Please Note:**

*The ARRT pre-application process can take as long as six months to a year to complete.*

**50. Will I have to undergo a criminal background check to enter into the program?**

Current laws generally permit a state licensing board or agency to deny a license to practice radiologic technology if the applicant has been convicted or has pleaded guilty or *nolo contendere* (no contest) to a felony or other specific crime.

While the Radiologic Technology Program at Hostos Community College does not require a criminal background check for admittance, during the course of the program you may be asked to undergo a criminal background check by one of the clinical education centers. The Program's educational requirements include placement at two clinical education centers, which frequently require a student to pass a criminal background check before the student can be placed for clinical training. If the clinical education center receives negative results after a student has begun the clinical program, the center may still decide to dismiss the student, regardless of the student's performance.

Each clinical education center requires a criminal background check and drug test and you are responsible to pay the cost of the background check and drug test. You may also have to complete more than one criminal background check during the course of the radiologic technology program, depending on the sites where you are placed and the requirements of each site.

**Please Note:**

*If you fail a clinical education center's criminal background check, you may be unable to complete your course requirements. It is important for you to consider this before you enroll into the radiologic technology program.*

***Hostos Community College has no obligation to refund your tuition or fees or to otherwise accommodate you in the event you are ineligible to complete your course requirements because you fail to pass a criminal background check, or if you are denied a license to practice radiologic technology.***

**51. I am not a U.S. citizen, I am an international student; can I still enter into the program?**

Any international student may apply for admission to a matriculated program at CUNY regardless of immigration status.

However, the radiology program has five mandatory clinical semesters of hospital externships. The hospitals require that all medical staff and employees be able to prove their **legal presence** and their **legal eligibility to work** in this country. Legal presence means that a person is either a U.S. citizen or is legally authorized to be in the United States. Legal presence can be proved using a U.S. birth certificate, U.S. passport, Certificate of Citizenship or Naturalization, Resident Alien Card or a valid foreign passport with a visa, I-94 or an I-94W with a participating country. The hospitals reserve the right to deny access to students who are unable to prove their legal presence in this country.

Furthermore, the hospital externship is an essential, legal requirement as specified in the Joint Review Committee on Education in Radiologic Technology *Standards for an Accredited Educational Program in Radiologic Sciences*.

Consequently, ***the radiology program only accepts students into the clinical phase of the program if they can prove their legal presence and their legal eligibility to work in the United States.***

Students are encouraged to reapply for admission into the program after they have established their legal presence and their legal eligibility to work in the United States.

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

**\* Effective September 2016 \***

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

<u><b>B. General Education Courses</b></u>	<u><b>Credits</b></u>
<p>These courses will introduce and educate students in fundamental areas of knowledge.</p>	
<b>English</b>	
ENG 110 Expository Writing.....	3.0
ENG 111 Literature and Composition.....	3.0
<b>Health &amp; Human Services</b>	
HLT 103 Interpersonal Relations and Teamwork.....	3.0
HLT 124 Medical Terminology.....	3.0
<b>Mathematics</b>	
MAT 105 Mathematics for Allied Health Sciences.....	3.0
<b>Natural Sciences</b>	
BIO 230 Anatomy & Physiology I and Lab.....	4.0
BIO 240 Anatomy & Physiology II and Lab.....	4.0
<b>Total General Education Courses</b>	<b>23.0</b>

**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

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**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)
<b>Total Credits</b>		<b>11.0</b>	<b>(15.0)</b>

## 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)
<b>Total Credits</b>		<b>11.0</b>	<b>(15.0)</b>

## First Year, Summer Session

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

## 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)
<b>Total Credits</b>		<b>4.5</b>	<b>(8.0)</b>

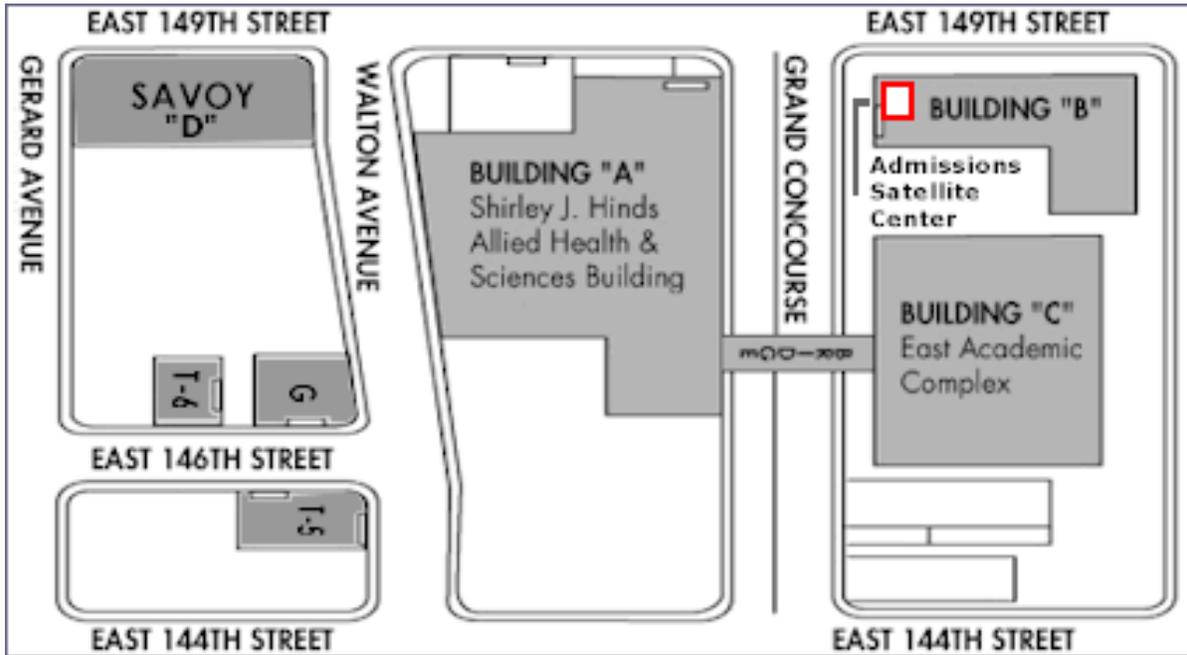
## Second Year, Spring Semester

		<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)
<b>Total Credits</b>		<b>7.5</b>	<b>(12.0)</b>

## 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)
<b>Total Credits</b>		<b>4.5</b>	<b>(12.0)</b>

**Campus Map:**



**Personal Notes:**

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