RADIOLOGIC TECHNOLOGY (AAS)

Health Science

Program website (https://www.harpercollege.edu/academics/health/radiologic-technology/radiology-degree.php)

Program Overview

This 70 credit-hour full-time curriculum prepares radiographers to produce radiographic images of parts of the human body for use in diagnosing medical problems. Additional duties may include processing and evaluating images, evaluating radiology equipment, and providing relevant patient care and education. The program provides both classroom and clinical instruction in anatomy and physiology, radiobiology, pathology, medical imaging and processing, radiation physics, positioning of patients, patient care procedures, radiation protection, and medical ethics.

Radiographers are employed in health care facilities including hospitals and clinics, specialized imaging centers, urgent care clinics, physician offices and government offices. Some radiographers are employed in educational institutions and in industry.

Because of the nature of clinical experiences and individualized instruction in this program, and specialized technology and the equipment necessary to offer this program, a higher tuition rate is assessed for career specific courses. These include courses with the RAD prefix. Students pay 1.5 the regular rate of tuition.

Admission Requirements

Radiologic Technology is a limited enrollment program. For admission requirements, please contact the Admissions Outreach Office at 847.925.6700 or visit harpercollege.edu (https://www.harpercollege.edu/).

Students who apply for this limited enrollment program are obligated to meet current admission requirements and follow program curriculum as defined at the time of acceptance to the program.

Program Requirements

A grade of C or better in all coursework is required for all students.

Prerequisites		**Hours**
BIO 260	Human Anatomy [1]	4
BIO 261	Human Physiology [1]	4
ENG 101	Composition I	3
Mathematics [2]		3
	Hours	**14**
First Semester		
RAD 101	Introduction to Radiologic Technology	3
	Hours	**3**
Second Semester		
HSC 112	Medical Terminology	2
HSC 213	Legal and Ethical Issues in Health Care	2
RAD 102	Radiologic Procedures I [3]	3
RAD 103	Radiologic Principles I	3
RAD 107	Radiologic Clinical Practicum I	2
	Hours	**12**
Third Semester		
Humanities or Social and Behavioral Science [+]		3
RAD 105	Radiologic Procedures II [3]	3
RAD 106	Radiologic Principles II	3
RAD 108	Radiologic Clinical Practicum II	2
SPE 101	Fundamentals of Speech Communication	3
	Hours	**14**
Fourth Semester		
RAD 225	Radiologic Clinical Practicum III	3
	Hours	**3**
Fifth Semester		
RAD 221	Radiologic Procedures III [3]	3
RAD 223	Advanced Radiologic Principles	2
RAD 224	Radiobiology	2
RAD 240	Radiologic Clinical Practicum IV	3
RAD 228	Digital Imaging	2
	Hours	**12**
Sixth Semester		
RAD 236	Radiologic Pathology	3
RAD 238	Sectional Anatomy For Imaging	2
RAD 239	Radiologic Special Procedures	3
RAD 251	Radiologic Clinical Practicum V	3
RAD 258	Radiologic Seminar	1
	Hours	**12**
	Total Hours	**70**

[1] Must be completed no earlier than five years prior to beginning the Radiologic Technology program.

[2] MTH 101, MTH 103 or higher with a grade of C or better.

[3] Radiography lab requires a minimum of 4 hours per month radiography lab practice.

[+] Students need to choose a course to meet this requirement that also fulfills the World Cultures and Diversity graduation requirement.

Program Learning Outcomes

1. Students who successfully complete this program will develop clinical competence as entry-level radiologic technologists.
   - The student will:
     - demonstrate radiation safety practices.
     - critique radiographic images.
     - Accurately position the patient.
2. Students who successfully complete this program will apply critical thinking skills.
   - The student will:
     - alter technical factors needed to accommodate patient pathological conditions.
     - modify procedures to meet patient needs.
3. Students who successfully complete this program will display proper communication skills.

- The student will:
  - communicate with patients.
  - document accurate patient histories.
  - communicate with a diverse population.

4. Students who successfully complete this program will demonstrate professionalism.
   - The student will:
     - demonstrate professional behaviors.
     - comply with professional ethics.
     - summarize the importance of continuing professional development.

Program Effectiveness Measures

The program will effectively meet the needs of the students and the community it serves.

The student will:

- pass the ARRT exam.
- complete the program.
- be employed in radiologic technology.
- be satisfied with the program.
- Employers will exhibit a high degree of satisfaction.

For additional information regarding credentialing, exam pass rate, job placement rate and program completion rate, contact the JRCERT at www.jrcert.org (https://www.jrcert.org/)