

# RADIOLOGIC TECHNOLOGY

## Associate in Applied Science A.A.S.: Radiologic Technology Degree

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.

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.

### PREREQUISITES:

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

Number	Course Title	Credits	Course Category
BIO 260	Human Anatomy <sup>1</sup> .....	4	AAS General Education
BIO 261	Human Physiology <sup>1</sup> .....	4	AAS General Education
ENG 101	Composition I .....	3	AAS General Education
	Mathematics <sup>2</sup> .....	3	AAS General Education

### FIRST SEMESTER:

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

Number	Course Title	Credits	Course Category
RAD 101	Introduction to Radiologic Technology .....	3	Program Requirement

### SECOND SEMESTER:

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

Number	Course Title	Credits	Course Category
HSC 112	Medical Terminology .....	2	Program Requirement
HSC 213	Legal and Ethical Issues in Health Care .....	2	Program Requirement
RAD 102	Radiologic Procedures I <sup>3</sup> .....	3	Program Requirement
RAD 103	Radiologic Principles I .....	3	Program Requirement
RAD 107	Radiologic Clinical Practicum I .....	2	Program Requirement

### THIRD SEMESTER:

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

Number	Course Title	Credits	Course Category
	Humanities or Social and Behavioral Science+ .....	3	AAS General Education
RAD 105	Radiologic Procedures II <sup>3</sup> .....	3	Program Requirement
RAD 106	Radiologic Principles II .....	3	Program Requirement
RAD 108	Radiologic Clinical Practicum II .....	2	Program Requirement
SPE 101	Fundamentals of Speech Communication .....	3	AAS General Education

### FOURTH SEMESTER:

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

Number	Course Title	Credits	Course Category
RAD 225	Radiologic Clinical Practicum III .....	3	Program Requirement

### FIFTH SEMESTER:

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

Number	Course Title	Credits	Course Category
RAD 221	Radiologic Procedures III <sup>3</sup> .....	3	Program Requirement
RAD 223	Advanced Radiologic Principles .....	2	Program Requirement
RAD 224	Radiobiology .....	2	Program Requirement
RAD 240	Radiologic Clinical Practicum IV .....	3	Program Requirement

RAD 228	Digital Imaging .....	2	Program Requirement
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**SIXTH SEMESTER:**

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

Number	Course Title	Credits	Course Category
RAD 236	Radiologic Pathology .....	3	Program Requirement
RAD 238	Sectional Anatomy for Imaging .....	2	Program Requirement
RAD 239	Radiologic Special Procedures .....	3	Program Requirement
RAD 251	Radiologic Clinical Practicum V .....	3	Program Requirement
RAD 258	Radiologic Seminar .....	1	Program Requirement

- 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.