

Radiography

Associate in Applied Science Degree

For those seeking careers as X-ray technologists. The 24-month curriculum integrates classroom and clinical experiences.

Upon completion of their degree, students should be able to:

- Demonstrate the skill and competency of an entry level radiographer.
- Demonstrate effective communication in patient care intervention and professional relationships.
- Apply appropriate problem solving and critical thinking skills in the health care setting.
- Exercise ethical behavior and display sound professional judgment in clinical practice.

Admission Requirements

The requirements listed below are minimum standards:

1. Meet Passaic County Community College's admissions criteria.
2. *College-level placement in English and reading.
3. *College-level placement in math.
4. Successful completion of one year of laboratory science or completion of SC 004 and successful completion of MA 005 or MA 007. Students who lack these prerequisites may submit scores from a standardized test to demonstrate a satisfactory level of competency in science and math.
5. An interview with program director and/or members of the Admissions Committee.
6. It is advisable to take General Education courses prior to admission.
7. Completion of a criminal background check.

*Appropriate remedial courses, based on Test placement, are required of all students who fall below the required level.

These are the minimum standards. Because each year there are more applicants than seats available, the College has developed an Admissions Ranking Criteria. Points are given based on general education courses completed and grade point average. Most students spend 1-2 years taking basic skills or ESL courses, and general education courses before acceptance to the program. Additionally, students who complete the general education first are more successful with the demanding Radiography core curriculum and clinical requirements. Once admitted to the program, the Radiography curriculum is a 2-year day program that includes two 10-week summer sessions. There is a clinical component in every semester of the program. You should be prepared for a demanding schedule that includes classroom lectures, labs and full day clinical work.

General Education (23 credits)

BS	103	Anatomy and Physiology I
BS	104	Anatomy and Physiology II
EN	101	Composition I
EN	102	Composition II
PS	101	Introduction to Psychology
3 credits in Humanities,		
3 credits in Social Science		
CIS	101	Computer Concepts and Applications

RA	107	Radiologic Pharmacology and Pediatric and Geriatric Radiography
RA	108	Radiologic Practicum II and Critique Seminar
RA	110	Radiologic Practicum III
RA	200	Radiation Biology
RA	202	Principles of Radiologic Science III
RA	203	Radiologic Practicum IV and Film Critique Seminar
RA	205	Medical and Surgical Diseases
RA	206	Vascular Radiography and Sectional Anatomy
RA	207	Radiologic Practicum V and Film Critique Seminar
RA	209	Advanced Radiographic Practicum

Radiography Core (37 credits)

RA	101	Introduction to Radiologic Science
RA	102	Principles of Radiologic Science I
RA	103	Radiologic Practicum I and Critique Seminar
RA	105	Radiographic Imaging Equipment
RA	106	Principles of Radiologic Science II

Sample Program

First Semester Credits

BS	103	Anatomy and Physiology I	4
EN	101	Composition I	3
RA	101	Introduction to Radiologic Science	3
RA	102	Principles of Radiologic Science I	3
RA	103	Radiologic Practicum I and Critique Seminar	1
Humanities Elective			3
			17

Second Semester Credits

BS	104	Anatomy and Physiology II	4
RA	105	Radiologic Physics	3
RA	106	Principles of Radiologic Science II	4
RA	107	Radiologic Pharmacology and Pediatric and Geriatric Radiography	2
RA	108	Radiologic Practicum II and Critique Seminar	1
			14

Summer Session Credits

RA	110	Radiologic Practicum III	2
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Third Semester Credits

EN	102	Composition II	3
PS	101	Introduction to Psychology 3	
RA	200	Radiation Biology	4
RA	202	Principles of Radiologic Science III	4
RA	203	Radiologic Practicum IV and Film Critique Seminar	1
			15

Fourth Semester Credits

RA	205	Medical and Surgical Diseases 2	
RA	206	Vascular Radiography and Sectional Anatomy	4
RA	207	Radiologic Practicum V and Film Critique Seminar	1
Social Science Elective			3
CIS	101	Computer Concepts and Applications	3
			13

Summer Session

RA	209	Advanced Radiographic Practicum	2
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Total Credits for Degree 63