

Competencies Profile of Graduates

Knowledge:

Demonstrate knowledge and understanding of:

1. the evaluation criteria and radiographic quality for all procedures related to the different anatomical parts of the body according to radiography.
2. radiation safety and security measures while executing radiographic procedures.
3. the appropriate medical terminology when communicating any type of information related to the status or condition of the patients.
4. the fundamentals and standards of the profession.

Skills:

1. Demonstrate critical thinking skills and problem solving within the professional performance.
2. Demonstrate effective oral and written communication skills with the patient, family, colleagues and other members of the health team.
3. Employ effective skills in the management and care of outpatients and hospitalized before, during and at the end of the radiographic intervention.
4. Perform radiographic procedures in accordance with the standards of practice established by the profession.
5. Effectively use emerging technology in the discipline and work area.
6. Interpret medical orders when executing any intervention with patients.

Attitudes:

1. Show cordial and professional relationships with members of the interdisciplinary health team, patients and family members.
2. Demonstrate professional, empathic and ethical conduct with patients, radiology staff, the interdisciplinary health team and the general public.
3. Exhibit responsibility for the professional and personal growth through continuing education, participation in professional organizations and the study of all literature related to their specialty.



Accreditation:

The radiography program is accredited by the
Joint Review Committee on Education
in Radiologic Technology
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Chicago, IL 60606-3182
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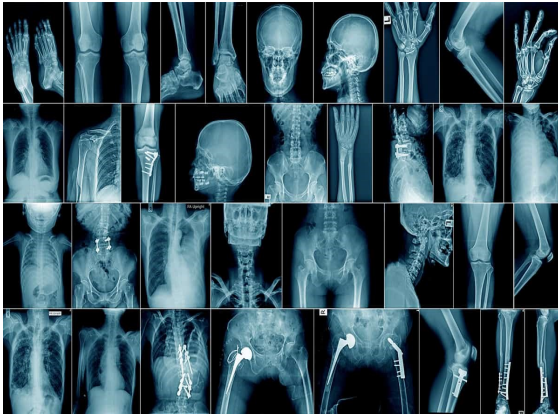
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Inter American University of Puerto Rico - San German Campus

Radiologic Technology





Mission, Goals and Student Learning Outcomes:

The Associate Degree in Applied Sciences in Radiological Technology (AAS) seeks the training and preparation of a health professional responsible for administering doses of ionizing radiation for diagnostic, treatment or research purposes. The development of a radiological technologist with the highest level of clinical competence and responsibility regarding the acquisition of radiographic image, quality control and patient care in a radiological center is promoted. It promotes the development of skills to solve problems and think critically. Promotes oral and written communication skills according to the needs of different types of patients. Integrates and applies the principles of radiological and occupational safety in the Radiology department.

Admission Requirements:

Students aspiring to the Associate Degree in Applied Science in Radiological Technology must meet the following specific requirements for admission to the Program:

1. Be admitted to Inter-American University of Puerto Rico, in a campus authorized to offer the Program.
2. Submit a completed admission application on or before the date stipulated by the Program.
3. Present an official and updated transcript of recent studies.
4. Have a general grade point average of at least 2.50.

Program General Information

Link:



Requirements for the Associate Degree

General Education	24 credits
Major Requirements	51 credits
Related Course	3 credits

Total 78 credits

Major Requirements

- RATE 1110 - Patient Care
- RATE 1125 - Introduction to Radiological Technology and Ethical Concepts
- RATE 1130 - Radiologic Protection
- RATE 1141 - Biology and Radiographic Anatomy I
- RATE 1142 - Biology and Radiographic Anatomy II
- RATE 1221 - Radiographic Procedure and Evaluation I
- RATE 1230 - Principles of Radiographic Exposure and Processing
- RATE 2090 - Pharmacology and Venipuncture
- RATE 2210 - Critique and Radiographic Quality Control
- RATE 2222 - Radiographic Procedures and Evaluation II
- RATE 2223 - Radiographic Procedures and Evaluation III
- RATE 2231 - Radiological Physics I
- RATE 2232 - Radiological Physics II
- RATE 2240 - Radiographic Pathology and Medical Terminology
- RATE 2260 - Radiobiology
- RATE 2270 - Diagnostic Image Modalities and Equipment
- RATE 2911 - Clinical Practice I
- RATE 2912 - Clinical Practice II
- RATE 2913 - Clinical Practice III
- RATE 2919 - Clinical Practice IV