

## Basic X-Ray Technician (X-Ray), Diploma

The purpose of the Basic X-Ray Technician program is to prepare the student for the position of basic X-Ray machine operator. The program offers the knowledge and skills necessary for doing radiologic work on extremities and chest. The student will be trained to a high level of professionalism in communicating, caring, and protecting the patient during the taking of X-rays, and will have good knowledge of medical terms. The program prepares the student for the Basic X-Ray State of Florida Licensure Examination, and includes all the required courses for the first year toward the Radiologic Technology A.S. program at FNU. Entrance requirement: High School Diploma or GED\*. FNU awards a diploma upon completion of the program.

### GRADUATION REQUIREMENTS (A MINIMUM OF 45 CREDITS)

#### General Education Requirements

##### COMMUNICATIONS (3 CREDITS)

		Credit	Hours
ENC 1101	English Composition I **	3	

##### COMPUTERS (4 CREDITS)

CGS 1030	Introduction to Information Technology	4	
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##### CORE REQUIREMENTS (38 CREDITS)

HSC 1000C	Introduction to Health Care	3	
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HSC 1531C	Medical Terminology	3	
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BSC 1085C	Anatomy & Physiology I	4	
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BSC 1086C	Anatomy & Physiology II	4	
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HSC 1230L	Patient Care Procedures	2	
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RTE 2385C	Radiation Protection and Radiobiology	6	
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RTE 2418C	Image Production and Evaluation	7	
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RTE 2458C	Equipment Operation, Radiographic Related Physics and Quality Assurance	3	
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RTE 1503C	Radiographic Procedures, Radiographic Positioning and Related Anatomy I	6	
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CPR XXX	CPR Seminar	0	
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HIV XXX	HIV Seminar	0	
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PDT XXX	OSHA Seminar	0	
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All Credit courses taken at the diploma level can be used as suggested electives for the completion of the Associate of Arts or Science degrees.

Medical students are required to wear medical attire at all times. Students must furnish their own uniforms.

All students must have liability insurance in order to participate in the clinical rotations.

All students must provide BLS, OSHA, HIV, and HIPPA seminar completion forms in order to participate in the clinical rotations.

Students must complete 90 hours of clinical practice.

\*\*This course has prerequisites; check course descriptions.

\* In addition, the student has to be currently employed in the medical field and present a letter from the employer justifying the need of the Basic X-ray license in the performance of his/her job; or, alternatively, a letter of agreement assuring employment in field upon graduation. International students (I-20) do not need to satisfy this requirement.