

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 FNC. Entrance requirement: High School Diploma or GED*. FNC awards a diploma upon completion of the program.

GRADUATION REQUIREMENTS (A MINIMUM OF 45 CREDITS)

REQUIRED COURSES

Course No.	Course Name	Credit Hours
MED 116	Allied Health Fundamentals	3
MED 115	Medical Terminology I	3
MED 121	Anatomy and Physiology I	3
MED 125	Anatomy and Physiology II	3
MED 138	Medical Care	4
ENG 101	English Composition I**	3
XRT 102	Radiation Protection**	6
XRT 104	Equipment Operation	2
XRT 204	Image Production and Evaluation**	7
XRT 205	Radiographic Procedures and Positioning**	7
CIS 102	Introduction to Information Technology	4
CPR 001	CPR Seminar	0
HIV 004	HIV Seminar	0
PDT 005	OSHA Seminar	0
TOTAL		45

Medical students are required to wear medical attire at all times.

Students must furnish their own uniforms.

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

All College Credit courses taken at the diploma level can be used as suggested electives for the completion of the Associate of Arts or Science degrees.

* 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.

** This course has prerequisites; check course description.