



NUCLEAR MEDICINE TECHNOLOGY Certificate Program

THE PROFESSION

The Nuclear Medicine Technologist (NMT) works under the supervision of a physician to perform nuclear medicine procedures used to diagnose and treat disease. NMTs employ small quantities of radioactive materials to help visualize and define tumors and malfunctioning organs as well as observe the physiology of cardiac, bone, liver, and other organ functions. NMT's use a radiation-sensitive camera highly specialized imaging equipment, and computers to view images of the body's systems.

THE PROGRAM

This program provides certified radiographers and certain other certified healthcare professionals who have graduated from regionally-accredited programs an opportunity to acquire additional education and experience in the nuclear medicine technology field. Graduates of the program will be eligible to apply for the examination administered by the Nuclear Medicine Technology Certification Board (NMTCB) or the American Registry of Radiologic Technology (ARRT), and subsequently may be licensed by various state agencies. Nuclear medicine technologists must be licensed to work in the state of Florida. (Please refer to the current *FHCHS Academic Bulletin* for additional information.)

FACILITIES

The Nuclear Medicine Technology lab is equipped with a fully functional gamma camera, image processing computer, dose calibrators, survey meters, well counters, and an uptake probe. The lab allows students to perform experiments and practice their skills outside of the clinical setting. In addition to the College's own on-campus facilities, students also have access to the state-of-the-art imaging equipment at Florida Hospital, the state's largest critical care facility. This rich resource allows students to learn and grow in a cutting-edge medical environment.

ACCREDITATION

The Nuclear Medicine Technologist Certificate Program is accredited in accordance with the standards as set forth by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT), 2000 W. Danforth Road, Suite 130, #203, Edmond, Oklahoma 73003, 405-285-0546; jrcnmt@coxinet.net.

ADMISSION REQUIREMENTS

The Nuclear Medicine Technology Admissions Committee reviews complete student files for acceptance beginning each January 2 for the Program that begins in May. The applicant must first meet general college admission requirements (please refer to the current *FHCHS Academic Bulletin*). In addition, students must:

- Have a cumulative college GPA of 2.70.
- Submit evidence of an Associate or a Baccalaureate degree from a regionally accredited program in Medical Technology, Radiation Therapy, Radiography, Nursing, or Sonography. Courses in anatomy and physiology, physics, college algebra, statistics, medical terminology, oral and written communication, and general chemistry must be completed prior to admission. Applicants who have graduated from another allied health field or applicants who have a degree in one of the science areas should submit their credentials for evaluation regarding fulfillment of this requirement.
- Submit three references on FHCHS recommendation forms. Recommendations submitted at the time of initial application to the College will meet this requirement for current FHCHS students.
- Submit an essay explaining your interest in the certificate program, your reasons for selecting FHCHS, and for choosing to attend a faith-based institution. Requirements for completing the essay can be found on the College web site, www.FHCHS.edu.

Applicants will receive written notification of the Committee's decision.

COMPLETION

Students will be considered for graduation from the Nuclear Medicine Technology Certificate Program when they have met the general College requirements for graduation and have:

- Completed the prescribed course of study for the Nuclear Medicine Technology Certificate Program.
- Earned a grade of "C" (2.00) in all the required courses.
- Demonstrated computer skills by successful completion of the computer challenge exam or a computer course.

CURRICULUM

Course	Summer	Fall	Spring	Summer
Patient Care for the Health Sciences	2			
Introduction to Nuclear Medicine	4			
Nuclear Medicine Techniques I		2		
Nuclear Medicine Instrumentation		3		
Nuclear Medicine Instrumentation Lab		1		
Religion		3		
Clinical Nuclear Medicine I		6		
Radiopharmacy and Radiation Chemistry			3	
Nuclear Medicine Techniques II			2	
Radiobiology and Radiation Protection			3	
Clinical Nuclear Medicine II			6	
Clinical Nuclear medicine III				5
Seminar in Nuclear Medicine Technology				2
Trimester Totals	6	15	14	7

Florida Hospital College of Health Sciences
671 Winyah Drive
Orlando, FL 32803
800-500-7747 or 407-303-9798
www.FHCHS.edu