



NUCLEAR MEDICINE TECHNOLOGY

Associate of Science

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

The Nuclear Medicine Technology Program at Florida Hospital College is structured academically and clinically to give students optimum preparation for a career in nuclear medicine. 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.)

OPTIONS

Certified radiographers who have graduated from a regionally-accredited program and certain other certified healthcare professionals have the opportunity to acquire additional education and experience in the field of nuclear medicine through the College's Nuclear Medicine Technologist Certificate Program. Contact the Office of Enrollment Services for more information.

Bachelor of Science in Radiologic Sciences

The College also offers a Bachelor's degree program in Radiologic Sciences for licensed radiographers and nuclear medicine technologists. This degree is designed as a high-quality distance education program. Call 877-471-1454 or visit www.onlineimaging.fhchs.edu to receive an application packet or to learn more about this excellent educational opportunity.

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 Technology Program is accredited in accordance with the standards 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 March 1 for the Program that begins in August of each year. The applicant must first meet general College admission requirements (please refer to the current *FHCHS Academic Bulletin*). Applicants will receive written notification of the Committee's decision. **Students with all general education requirements completed may not skip ahead in the program.** Students may discuss alternatives with the department chair. Applicants are strongly encouraged to complete a job shadow with a member of the Nuclear Medicine Technology faculty. To set up a job shadow, please call 407-303-7747 x1101066.

Minimum requirements for admission into the Nuclear Medicine Technology Program:

- Have a minimum cumulative high school unweighted GPA of 2.70; or have a minimum cumulative GPA of 2.70 on 12 or more credit hours of college-level work from a regionally-accredited institution.
- Have a minimum ACT composite score of 19 with an individual score of 19 in math. Applicants with 24 or more credits from a regionally-accredited college are exempt from taking the ACT.
- Submit three recommendations using FHCHS recommendation forms. Recommendations submitted at the time of initial application to the College will meet this requirement for current FHCHS students. Students who have attended FHCHS for at least one trimester must submit one of the recommendations from a full-time Pre-Professional faculty member.
- Submit an essay explaining your interest in becoming a nuclear medicine technologist, your reasons for selecting FHCHS, and for choosing to attend a faith-based institution. Requirements for completing the essay are included in this information packet and can be found on the college web site, www.FHCHS.edu.

RESIDENCY REQUIREMENT

A minimum of 50 credits must be earned at FHCHS.

CURRICULUM

Students must complete the following courses and requirements before they can be recommended for graduation:

Fall	Spring	Summer
BIOL 101 A&P I 4	BIOL 102 A&P II 4	PSYC 124 General Psychology 3
CHEM 101 Principles of Chemistry 3	ENGL 102 English Comp II 3	REL _ _____ 3
CHEM 101L Chemistry Lab 1	ENGL 144 Medical Terminology 2	RTCA 113 Patient Care for the Health Sci 2
ENGL 101 English Comp I 3	HPER 125 Health and Wellbeing 2	RTNM 251 Intro to Nuclear Medicine <u>4</u>
MATH 120 College Algebra 3	PHYS 121 Survey of Physics <u>4</u>	
MATH 122 Intro to Statistics 1		
TOTAL 15	TOTAL 15	TOTAL 12
Fall	Spring	Summer
RTNM 252 Nuc Med Techniques I 2	RTNM 262 Radiopharmacy & Rad Chem 3	RTNM 271 Clinical Nuc Med I 5
RTNM 253 Nuc Med Instrumentation 3	RTNM 264 Nuc Med Techniques II 2	RTNM 281 Seminar in Nuc Med Tech <u>2</u>
RTNM 254 Nuc Med Instrumentation Lab 1	RTNM 270 Radiobiology/Rad Protection 3	
REL _ _____ 3	RTNM 272 Clinical Nuc Med II <u>6</u>	
RTNM 271 Clinical Nuc Med I <u>6</u>		
TOTAL 15	TOTAL 14	TOTAL 7

COMPLETION

Students will be considered for graduation and conferral of the Associate of Science degree in Nuclear Medicine Technology when they have met the general College requirements for graduation (please refer to the *FHCHS Academic Bulletin*) and have:

- Completed a minimum of 78 trimester hours of credit.
- Completed the prescribed course of study for the Nuclear Medicine Technology program.
- Achieved a minimum grade of "C" (2.00) in all Nuclear Medicine Technology and cognate courses.
- Achieved a minimum grade of "C" (2.00) in all College courses.
- Completed a minimum of 50 hours of credit in residence at FHCHS prior to graduation.
- Demonstrated computer skills by successful completion of the computer challenge exam or a computer course.
- Completed 30 hours of community service and/or service learning. Community service projects and hours must be approved and validated by the Service Learning Coordinator. Service learning is part of the curriculum in selected courses and is validated by the teachers of those courses and by the department in which those courses are taught.

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