



[AAS-NMT; CIP Code 51.0905]

*Associate in Applied Science (A.A.S.)
– Career*

Nuclear Medicine is the use of radioactive materials and sophisticated electronic scanning equipment for the diagnosis and treatment of certain suspected or known disorders of the human body. Students enrolled in the Nuclear Medicine Technology (NMT) program spend the first year completing the core Liberal Arts and Science classes. The second year begins in May and is specific to NMT didactic and clinical instruction.

The program is accredited by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology and the New Jersey Department of Environmental Protection. Upon successful completion of the NMT program requirements, graduates are eligible to apply for Board Certification through national certifying agencies: The American Registry of Radiologic Technologists and the Nuclear Medicine Technology Certification Board. NMT students must complete the minimum number of required hours of clinical instruction, which are scheduled the second year of the program in collaboration with clinical affiliates. Clinical hours occur during all College sessions.

Program Contact

name, program, email @rcsj.edu

Nuclear Medicine Technology (NMT), A.A.S.

FIRST YEAR – Fall Semester

<input type="checkbox"/> ENG 101 English Composition I	3
<input type="checkbox"/> BIO 105 Anatomy and Physiology I	4
<input type="checkbox"/> CHM 111 General Chemistry I	4
<input type="checkbox"/> PSY 101 General Psychology	3
	14

Spring Semester

<input type="checkbox"/> ENG 102 English Composition II	3
<input type="checkbox"/> BIO 106 Anatomy and Physiology II	4
<input type="checkbox"/> PHY 103 General Physics	4
<input type="checkbox"/> ALH 107 Cross Sectional Anatomy	2
	13

Summer Session I (first 7 weeks)

<input type="checkbox"/> NMT 106 Radiation Safety and Biology	1
<input type="checkbox"/> NMT 107 Radiation Physics	2
	3

Summer Session (second 7 weeks)

<input type="checkbox"/> NMT 114 Clinical Imaging Procedures I	2
<input type="checkbox"/> NMT 116 Basic Nuclear Medicine Procedures	2
	4

SECOND YEAR – Fall Semester

<input type="checkbox"/> NMT 205 Clinical Internship I	10
<input type="checkbox"/> NMT 210 Clinical Imaging Procedures II	1
<input type="checkbox"/> NMT 215 Radiopharmacy	2
	13

Spring Semester

<input type="checkbox"/> NMT 227 Clinical Internship II	10
<input type="checkbox"/> NMT 230 Nuclear Instrumentation and Statistics	2
<input type="checkbox"/> NMT 233 Clinical Imaging Procedures III	1
	13

TOTAL CREDITS: 60

Program Learning Objectives

Students who complete this program will be able to:

1. Work effectively as a member of a healthcare team by respecting diversity, communicating effectively, and providing patient care in a competent, ethical, and compassionate manner.
2. Demonstrate knowledge by applying entry level competencies of clinical imaging procedures, instrumentation, radiopharmacy and radiation safety and biology in the clinical environment.
3. Recognize and articulate the importance of continued personal and professional growth to enhanced quality of life and maintain high professional standards, in the field of Nuclear Medicine Technology.

In order to progress through the NMT program, all students must maintain a Cumulative Grade Point Average (GPA) of 2.00 or higher and earn a grade of C or higher in all program required courses. All science courses must have been completed within the 5-year period prior to the beginning of the first NMT course. Refer to course description section of this catalog for prerequisite/co-requisite course requirements.

Nuclear Medicine Technology (NMT), A.A.S., continued

Program Information

Nuclear Medicine Technology (NMT) is a selective admission program. Students must be accepted to the program prior to registering for any NMT courses. Please contact the Enrollment Services office for an admission packet.

Clinical agencies require criminal history background checks (CHBC) for all individuals engaged in patient care. All students must undergo a CHBC upon acceptance into the NMT program. CHBC results are sent to the clinical agencies, who have the sole discretion to decide if the student may engage in patient care at the agency. If a student is denied the opportunity to participate in the clinical agency as a result of the findings of the CHBC, the student will be dismissed from the NMT program.

Students must satisfactorily complete all 100-level NMT courses to progress to 200-level NMT courses. Students who do not meet prerequisite and co-requisite course requirements, and/or grade requirements will not be able to progress in the NMT program.

Students must complete the NMT program in three years from the start of the first NMT course.

Students who do not complete the program within three years must wait five years before reapplying to the NMT program. A minimum grade of "C" is required in all courses in the NMT program of study including General Education and Science courses.

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started at RCSJ? ✦
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and complete the
interest form. ✦