



[NALHNMTAAS; CIP Code 51.0905]

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

This program prepares students for entry into the healthcare field as a Nuclear Medicine Technologist. Nuclear Medicine is the use of radioactive materials and sophisticated electronic scanning equipment to both diagnose and treat disease. Two main branches of student within the program are the general use of isotopes to view body systems or utilizing isotopes for specialty imaging including fusion computed tomography (CT). Students accepted into the program focus on didactic and clinical experiences. Clinical hours occur during all semesters through the program.

Program Learning Outcomes

Students who have completed the program should be able to:

- Collaborate professionally and effectively as a member of the healthcare team.
- Provide culturally competent care to a diverse patient population.
- Meets the expected standards of clinical imaging and radiation safety requirements.

Nuclear Medicine Technology, A.A.S.

FIRST YEAR – Fall Semester

☐ BIOL 105 Anatomy & Physiology I	4
☐ CHEM 101 General Chemistry I	4
☐ PHYS 107 Technical Physics	4
☐ NMTI 101 Introduction to Clinical Nuclear Medicine	2
	14

Spring Semester

☐ BIOL 106 Anatomy & Physiology II	4
☐ ENGL 101 English Composition I or ENGL 101E Enhanced English Composition I	3–4
☐ NMTI 103 Basic Nuclear Medicine Procedures	2
☐ NMTI 107 Radiation Physics	2
☐ NMTI 109 Nuclear Medicine Clinical II	2
	13–14

Third Semester – Summer

☐ HPRF 107 Cross Sectional Anatomy	2
☐ NMTI 106 Radiation Safety & Biology	1
☐ NMTI 114 Clinical Imaging Procedures I	2
☐ NMTI 119 Nuclear Medicine Clinical III	5
	10

SECOND YEAR – Fall Semester

☐ NMTI 210 Clinical Imaging Procedures II	1
☐ NMTI 215 Radiopharmacy	2
☐ NMTI 229 Nuclear Medicine Clinical IV	10
	13

Fifth Semester – Spring

☐ ENGL 102 English Composition II	3
☐ PSYC 101 General Psychology	
☐ NMTI 230 Nuclear Instrumentation & Statistics	2
☐ NMTI 233 Clinical Imaging Procedures III	1
☐ NMTI 239 Nuclear Medicine Clinical V	5
	14

Sixth Semester – Summer

☐ NMTI 249 Nuclear Medicine Clinical VI	4
	4

TOTAL MINIMUM CREDITS: 68

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and complete the interest form. ✦

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 corequisite 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 three 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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