

CURRICULUM STANDARD

Effective Term
Fall 2017
[2017*03]

Curriculum Program Title	Nuclear Medicine Technology	Program Code	A45460
Concentration	(not applicable)	CIP Code	51.0905

Curriculum Description

The Nuclear Medicine Technology curriculum provides the clinical and didactic experience necessary to prepare students to qualify as entry-level Nuclear Medicine Technologists.

Students will acquire the knowledge and skills necessary to properly perform clinical procedures. These skills include patient care, use of radioactive materials, operation of imaging and counting instrumentation, and laboratory procedures.

Graduates may be eligible to apply for certification/registration examinations given by the Nuclear Medicine Technology Certification Board and/or the American Registry of Radiologic Technologists.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.10]

- I. **General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. **Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. (See second page for additional information.)
- III. **Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)	64-76	36-48	12-18

*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.

Major Hours

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** *(if applicable)*. A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

Nuclear Medicine Technology A45460

	AAS	Diploma	Certificate																																
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC																																
<p>A. CORE <i>A diploma offered under this AAS degree requires a minimum of 12 SHC extracted from the required subject/course core of the AAS degree.</i></p> <p>Required Courses:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">NMT</td> <td style="width: 10%;">110</td> <td style="width: 60%;">Introduction to Nuclear Medicine</td> <td style="width: 20%; text-align: right;">2 SHC</td> </tr> <tr> <td>NMT</td> <td>132</td> <td>Overview-Clinical Nuclear Medicine</td> <td style="text-align: right;">4 SHC</td> </tr> <tr> <td>NMT</td> <td>134</td> <td>Nuclear Pharmacy</td> <td style="text-align: right;">2 SHC</td> </tr> <tr> <td>NMT</td> <td>211</td> <td>NMT Clinical Practice I</td> <td style="text-align: right;">7 SHC</td> </tr> <tr> <td>NMT</td> <td>212</td> <td>Procedures for Nuclear Medicine I</td> <td style="text-align: right;">2 SHC</td> </tr> <tr> <td>NMT</td> <td>215</td> <td>Non-Imaging Instrumentation</td> <td style="text-align: right;">2 SHC</td> </tr> <tr> <td>NMT</td> <td>221</td> <td>NMT Clinical Practice II</td> <td style="text-align: right;">7 SHC</td> </tr> <tr> <td>NMT</td> <td>222</td> <td>Procedures for Nuclear Medicine II</td> <td style="text-align: right;">2 SHC</td> </tr> </table> <p>Required Subject Areas: None</p>	NMT	110	Introduction to Nuclear Medicine	2 SHC	NMT	132	Overview-Clinical Nuclear Medicine	4 SHC	NMT	134	Nuclear Pharmacy	2 SHC	NMT	211	NMT Clinical Practice I	7 SHC	NMT	212	Procedures for Nuclear Medicine I	2 SHC	NMT	215	Non-Imaging Instrumentation	2 SHC	NMT	221	NMT Clinical Practice II	7 SHC	NMT	222	Procedures for Nuclear Medicine II	2 SHC	28 SHC	12 SHC	
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B. CONCENTRATION <i>(Not applicable)</i>																																			
<p>C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i></p> <p>BIO, CIS, CSC, HSC, NMT, PET, PHY, and WBL</p> <p><i>Up to two semester hour credits may be selected from ACA.</i></p> <p><i>Up to three semester hour credits may be selected from the following prefixes: ARA, ASL, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and SPA.</i></p>																																			