

**Curriculum Guide for Educational
Programs in Nuclear Medicine
Technology
4th Edition**

SNM

Advancing Molecular Imaging and Therapy

NMT Entry-Level Curriculum Guide, 4th Edition

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The Curriculum Guide for Educational Programs in Nuclear Medicine Technology 4th Edition has been revised to include the expanding and increasingly complex educational content that is necessary for preparing knowledgeable, competent, and qualified entry-level Nuclear Medicine Technologists.

Changes in this edition include the following:

- Increased emphasis on standardized general education requirements
- New sections:
 - Cross-sectional Anatomy
 - Health Science Research
 - Emerging Technologies
- Additions:
 - Administration of contrast media
 - Single-photon emission computed tomography (SPECT)/computed tomography (CT), positron emission tomography (PET)/CT, and CT throughout
 - X-ray production and X-ray beam physics
 - Radiation exposure to nuclear medicine patients
 - NUREG-1556, Volume 9, 2002: model procedures
 - Sr82/Rb82 generator
 - Splenic imaging with heat-denatured red blood cells
 - Technegas
 - Radiosynoviorthesis
 - Radiolabeled monoclonal antibody therapy
 - Y-90 microspheres
- Expanded sections:
 - Instrumentation: Counting Statistics
 - Nuclear Pharmacy and Pharmacology
 - Oncology—separate section
 - Nuclear Cardiology
- Revised in its entirety:
 - Nuclear Physics is now Radiation Physics
- Deletions:
 - Rb81/Kr81m generator
 - Schillings procedures
 - Radioassay

