

**Department of MIRS and Allied Health  
Nuclear Medicine Booklist**

Revised Updates: 3/2025

*This list is updated by finals week of each semester for the next semester's classes*

**Junior Courses FALL 2025**     ***DO NOT purchase books earlier than for the upcoming semester***

COURSE NO.	AUTHORS	BOOK TITLE	PUBLISHER EDITION, YEAR	ISBN	REQUIRED/ OPTIONAL
AHS 3451 Medical Ethics	Regina F. Doherty	Ethical Dimensions in Health Professions	Elsevier, 7th Edition, 2021	9780323673648	Required
AHS 4413 Pathology	Ivan Damjanoy, MD	Pathology for the Health Professions	Saunders 6th edition, 2022	9780323654128	Required
MIRS 3152 Patient Care and Management	Andrea Dutton, TerriAnn Ryann	Torres' Patient Care in Imaging Technology	Walters Kluwer 10th Edition, 2023	9781975192518	Required
MIRS 3193 Basic Rad Physics and Protection		Scientific calculator capable of Natural Log Functions is required for this course. Graphing capabilities are NOT required and programmable calculators are NOT permitted			Required
MIRS 3551 Introdcution to Nuclear Medicine	Metter, FA	Essentials of Nuclear Medicine Imaging	Elsevier Saunders 7th Edition, 2019	9780323483193	Optional
MIRS 3560 Clinical Nuclear Medicine Technology	Metter, FA	Essentials of Nuclear Medicine Imaging	Elsevier Saunders 7th Edition, 2019	9780323483193	Optional
	Trajecsys	Register will need to be completed by a date specified in course syllabus. A \$150 fee will be due to Trajecsys shortly following registration. If you have question about registrations please <a href="#">click here</a>	Online Log System Trajecsys Registration <a href="https://www.trajecsys.com/programs/add_user.aspx">https://www.trajecsys.com/programs/add_user.aspx</a> Student Payments <a href="http://www.trajecsys.com/payments.htm">www.trajecsys.com/payments.htm</a>		Required

**Senior Courses FALL 2025**     ***DO NOT purchase books earlier than for the upcoming semester***

MIRS 3112 Pharmacology	B. Cobert; R. Woodrow	Essentials of Pharmacology for Health Professionals	Cengage 10th Edition, 2025	9798214116068	Required
MIRS 4173 Principles of Computed Tomography	Lois R. Romans	Computed Tomography for Technologist: A Comprehensive Text	Lippincott, Williams & Wilkins 2nd Edition, 2018	9781496375858	Required
MIRS 4272 Correlative Imaging	Richard B. Gunderman	Essential Radiology	Thieme Publishing 3td Edition, 2014	9781604065732	Optional
MIRS 4533 Imaging Devices in Nuclear Medicine	Jennifer Prekeges	Nuclear Medicine Instrumentation	Jones & Barlett 2nd Edition, 2012	9781449652883	Required
MIRS 4553 Nuclear Medicine Procedures II	Pete Shackett	Nuclear Medicine Technology: Procedure and Quick Reference	Lippincott Williams & Wilkins 3rd Edition, 2019	9781975119836	Required
	Metter, FA	Essentials of Nuclear Medicine Imaging	Elsevier Saunders 7th Edition, 2019	9780323483193	Required
MIRS 4560 Adv Clinical Nuclear Medicine Technology & Capstone	Norman Bolus & Krystle Glasgow	Review of Nuclear Medicine Technology: Preparation for the Certification Examination	Society of Nuclear Medicine, New York 5th Edition, 2018	9780932004963	Required

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<b>Junior Courses SPRING 2025</b> <i><b>DO NOT purchase books earlier than for the upcoming semester</b></i>					
MIRS 3560 Clinical Nuclear Medicine Technology	JAMA	AMA Manual of Style	Oxford University Press 11th Edition, 2020 <i>Also available online via HSC</i>	9780190246556	Required
MIRS 3533 Nuclear Medicine Instrumentation	Jennifer Prekeges	Nuclear Medicine Instrumentation	Jones & Barlett 2nd Edition, 2012	9781449652883	Required
AHS 4571 Intro to Research Methods in Allied Health	Mildred Patten	Understanding Research Methods	Pyrzczak Publishing 10th Edition	9780415790529	Required
MIRS 4332 Radiobiology	Eric J. Hall	Radiobiology for the Radiologist	Lippincott Williams & Wilkins 8th Edition, 2018	978149633541	Optional
MIRS 4152 Sectional Anatomy and Pathology	Kelley & Petersen	Sectional Anatomy for Imaging Professionals	Elsevier 4th Edition, 2018	9780323414876	required
MIRS 3554 Nuclear Medicine Procedures I	Pete Shackel	Nuclear Medicine Technology: Procedures and quick Reference	Lippincott Williams & Wilkins 3rd Edition, 2019	9781975119836	Required
	Metter, FA	Essentials of Nuclear Medicine Imaging	Elsevier Saunders 7th Edition, 2019	9780323483193	Required

<b>Senior Courses SPRING 2025</b> <i><b>DO NOT purchase books earlier than for the upcoming semester</b></i>					
MIRS 4452 Health Management and Law		Journal Articles -	TBA		Required
MIRS 4521 Nuclear Pharmacy	No Text				
MIRS 4522 Nuclear Medicine Lab Regs & Accreditation		All Material on the World Wide Web			
MIRS 4573 Advanced PET/CT Imaging	Andrzej Moniuszko & Adam Sciuk	PET and PET/CT: Study Guide: a Review for Passing the PET Specialty Exam	Springer; 2013 <i>Also available online via hsc library</i>	978146422860	Required
	Paul E. Christian	PET Study Guide	SNMMI 3rd Edition	9780932004642	Optional
MIRS 4560 Adv. Clinical Nuclear Medicine Technology & Capstone	JAMA	AMA Manual of Style	Oxford University Press 11th Edition, 2020 <i>Also available online via HSC library</i>	9780190246556	Required

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<b>Senior Courses SUMMER 2025</b>					
<b><i>DO NOT purchase books earlier than for the upcoming semester</i></b>					
MIRS 3553 Nuclear Cardiology	Metter, FA	Essentials of Nuclear Medicine Imaging	Elsevier Saunders 7th Edition, 2019	9780323483193	Required
	Pete Shacket	Nuclear Medicine Technology: Procedures and Quick Reference	Lippincott Williams & Wilkins 3rd Edition, 2019	9781975119836	Required
MIRS 4560 Adv Clinical Nuclear Medicine Technology & Capstone	No Text				