

**Department of MIRS and Allied Health
Radiation Therapy Booklist**

Revised Updates: 3/2025

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

Junior Courses FALL 2024 <i>DO NOT purchase books earlier than for the upcoming semester.</i>					
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 4173 Principles of Computed Tomography	Lois R. Romans	Computed Tomography for Technologist: A Comprehensive Text	Lippincott, Williams & Wilkins 2nd Edition, 2018	9781496375858	Required
MIRS 3660 Introdcution to Clinical Radiation Therapy	C. Washington, D. Leaver	Principles and Practice of Radiation Therapy: Introduction to Radiation Therapy	Mosby 6th Edition, 2025	9780443121784	Required
	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 click here	Online Log System Trajecsys Registration https://www.trajecsys.com/programs/add_user.aspx Student Payments www.trajecsys.com/payments.htm		Required

Senior Courses FALL 2024 <i>DO NOT purchase books earlier than for the upcoming semester</i>					
MIRS 4143 Principles of MRI	Catherine Westbrook	MRI In Practice	Wiley-Blackwell 5th Edition	9781119392002	Required
	Douglas Boyd	Boyd's Comprehensive Guide to MRI	Boyd's Imaging 2023	https://boydsimaging.com/	Optional
MIRS 3112 Pharmacology	B. Cobert; R. Woodrow	Essentials of Pharmacology for Health Professionals	Cengage 10th Edition, 2025	9798214116068	Required
MIRS 4614 Physics of Radiation Therapy	McDermott & Orton	The Physics & Technology of Radiation Therapy	Medical Physics Publishing 2nd Edition, 2018	9781930524989	Required
MIRS 4660 Adv. Clinical radiation Therapy and Capstone	Erick K. Hensen	Handbook of Evidence-Based Radiation Oncology	Springer Verlag 3rd Edition, 2018	9783319626413	Optional
	JAMA	AMA Manual of Style	Oxford University Press 11th Edition, 2020 <i>Also available online via HSC library</i>	9780190246556	Required
MIRS 4723 Principles and Practice of Radiation Therapy III	Erick K. Hensen	Handbook of Evidence-Based Radiation Oncology	Springer Verlag 3rd Edition, 2018	9783319626413	Optional
	JAMA	AMA Manual of Style	Oxford University Press 11th Edition, 2020 <i>Also available online via HSC library</i>	9780190246556	Required
	Van, Dasher, & Wiggers	Portal Design In Radiation Therapy	DWV Enterprises 3rd Edition <i>Order direct form portaldesignbook.com</i>	9780964271524	Optional
	Edward Halperin	Principles and Practice of Radiation Oncology	Lippincott Williams & Wilkins 7th Edition, 2018	9781496386793	Optional
	C. Washington, D. Leaver	Principles and Practice of Radiation Therapy: Introduction to Radiation Therapy	Mosby 5th Edition	9780323596954	Required

Bold Print Indiciates Textbook Is Used For More Than One Course

This informaiton is subject to change per instructor

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Junior Courses SPRING 2025 <i>DO NOT purchase books earlier than for the upcoming semester.</i>					
MIRS 3660 Clinical Radiation Therapy		Radiation Therapy Clinical information (Available on the web)			
	Edward Halperin	Principles and Practice of Radiation Oncology	Lippincott Williams & Wilkins 7th Edition, 2018	9781496386793	Optional
	C. Washington, D. Leaver	Principles and Practice of Radiation Therapy: Introduction to Radiation Therapy	Mosby 6th Edition, 2025	9780443121784	Required
AHS 4571 Intro to Research Methods in Allied Health	Mildred Patten	Understanding Research Methods	Pyrszak 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 4603 Principles and Practice of Radiation Therapy I	C. Washington, D. Leaver	Principles and Practice of Radiation Therapy: Introduction to Radiation Therapy	Mosby 6th Edition, 2025	9780443121784	Required
	Edward Halperin	Principles and Practice of Radiation Oncology	Lippincott Williams & Wilkins 7th Edition, 2018	9781496386793	Optional
MIRS 4632 Patient Care in Radiation Therapy	Langhorne, Fulton & Otto	Oncology Nursing	Mosby 5th Edition, 2007	9780323041850	Optional
	Ann Berger & Joseph O'neil	Principles & Practice of Palliative Care and Support Oncology	Wolters Kluwer 5th Edition, 2021	9781975143688	Optional

Senior Courses SPRING 2025 <i>DO NOT purchase books earlier than for the upcoming semester</i>					
MIRS 4452 Health Management and Law		Journal Articles -	TBA		Required
MIRS 4660 Adv. Clinical Radiation Therapy & Capstone	JAMA	AMA Manual of Style	Oxford University Press 11th Edition, 2020 <i>Also available online via HSC library</i>	9780190246556	Required
MIRS 4990 Special Studies in MIRS	Laura Nappi	Comprehensive Review Guide for the Radiation Therapy Examination	Amazon Digital Services LLC - Kdp 2nd Edition, 2022	9798404118070	Required
MIRS 4623 QA & Operational Issues	Lawrence Marks	Engineering Patient Safety in Radiation Oncology	CRC Press 1st Edition, 2015	9781482233643	Required
MIRS 4773 Radiation Dosimetry & Instrumentation	Faiz M. Kahn	Khan's The Physics of Radiation Therapy	Lippincott Williams & Wilkins 6th Edition, 2019	9781496397522	Required
	Bentel et al	Radiation Therapy Planning	McGraw Hill 2nd Edition, 1995 purchase on amazon.com	9780070051157	Optional

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Senior Courses SUMMER 2025					
<i>DO NOT purchase books earlier than for the upcoming semester</i>					
MIRS 4660 Adv Clinical Radiation Therapy and Capstone	C. Washington, D. Leaver	Principles and Practice of Radiation Therapy: Introduction to Radiation Therapy	Mosby 5th Edition, 2020	9780323596954	Required
	Edward Halperin	Principles and Practice of Radiation Oncology	Lippincott Williams & Wilkins 7th Edition, 2018	9781496386793	Optional
MIRS 3511 Patient Support Groups	No text				
MIRS 4703 Principles and Practice of Radiation Therapy II	C. Washington, D. Leaver	Principles and Practice of Radiation Therapy: Introduction to Radiation Therapy	Mosby 5th Edition, 2020	9780323596954	Required
	Van, Dasher, & Wiggles	Portal Design in Radiation Therapy	DWV Enterprises 3rd Edition order direct from pub.portaldesignbook.com	9780964271524	Optional
	Edward Halperin	Principles and Practice of Radiation Oncology	Lippincott Williams & Wilkins 7th Edition, 2018	9781496386793	Optional

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