

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

Revised Updates: 3/2024

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

<b>Junior Courses FALL 2024     <i>DO NOT purchase books earlier than for the upcoming semester.</i></b>					
COURSE NO.	AUTHORS	BOOK TITLE	PUBLISHER EDITION, YEAR	ISBN	REQUIRED/ OPTIONAL
<b>AHS 3451</b> <b>Medical Ethics</b>	Regina F. Doherty	Ethical Dimensions in Health Professions	Elsevier, 7th Edition, 2021	9780323673648	Required
<b>AHS 4413</b> <b>Pathology</b>	Ivan Damjanoy, MD	Pathology for the Health Professions	Saunders 6th edition, 2022	9780323654128	Required
<b>MIRS 3152</b> <b>Patient Care and Management</b>	Andrea Dutton, TerriAnn Ryann	Torres' Patient Care in Imaging Technology	Walters Kluwer 10th Edition, 2023	9781975192518	Required
<b>MIRS 3193</b> <b>Basic Rad Physics and Protection</b>		Scientific calculator capable of Natural Log Functions is required for this course. Graphing capabilities are NOT required and programmable calculators are NOT permitted			Required
<b>MIRS 4173</b> <b>Principles of Computed Tomography</b>	Lois R. Romans	Computed Tomography for Technologist: A Comprehensive Text	Lippincott, Williams & Wilkins 2nd Edition, 2018	9781496375858	Required
<b>MIRS 3660</b> <b>Introdcution to Clinical Radiation Therapy</b>	<b>C. Washington, D. Leaver</b>	<b>Principles and Practice of Radiation Therapy: Introduction to Radiation Therapy</b>	<b>Mosby</b> <b>5th Edition, 2020</b>	<b>9780323596954</b>	<b>Required</b>
	<b>Trajecsys</b>	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>	<b>Online Log System</b> <b>Trajecsys Registration</b> <a href="https://www.trajecsys.com/programs/add_user.aspx">https://www.trajecsys.com/programs/add_user.aspx</a> <b>Student Payments</b> <a href="http://www.trajecsys.com/payments.htm">www.trajecsys.com/payments.htm</a>		<b>Required</b>

**Bold Print Indiciates Textbook Is Used For More Than One Course**

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MIRS 4143 Principles of MRI	Catherine Westbrook	MRI In Practice	Wiley-Blackwell 5th Edition	9781119392002	Required
MIRS 3312 Pharmacology	B. Cobert; R. Woodrow	Essentials of Pharmacology for Health Professionals	Cengage 9th Edition, 2019	9781337395892	Required
<b>MIRS 4614</b> <b>Physics of Radiation Therapy</b>	<b>McDermott &amp; Orton</b>	<b>The Physics &amp; Technology of Radiation Therapy</b>	<b>Medical Physics Publishing 2nd Edition, 2018</b>	<b>9781930524989</b>	<b>Required</b>
<b>MIRS 4660</b> <b>Adv. Clinical radiation Therapy and Capstone</b>	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
<b>MIRS 4723</b> <b>Principles and Practice of Radiation Therapy III</b>	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

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<b>MIRS 3660</b> 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 5th Edition, 2020	9780323596954	Required
<b>AHS 4571</b> Intro to Research Methods in Allied Health	Mildred Patten	Understanding Research Methods	Pyrczak Publishing 10th Edition	9780415790529	Required
<b>MIRS 4332</b> Radiobiology	Eric J. Hall	Radiobiology for the Radiologist	Lippincott Williams & Wilkins 8th Edition, 2018	978149633541	Optional
<b>MIRS 4152</b> Sectional Anatomy and Pathology	Michael E. Madden	Introduction to Sectional Anatomy	Lippincott, Williams & Wilkins 3rd Edition, 2012	9781609139612	Required
	Michael E. Madden	Introduction to Sectional Anatomy Workbook	Lippincott, Williams & Wilkins 3rd Edition, 2012	9781609139629	Optional
<b>MIRS 4603</b> Principles and Practice of Radiation Therapy I	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
<b>MIRS 4632</b> Patient Care in Radiation Therapy	Langhorne, Fulton & Otto	Oncology Nursing	Mosby 5th Edition, 2007	9780323041850	Required
	Ann Berger & Joseph O'neil	Principles & Practice of Palliative Care and Support Oncology	Wolters Kluwer 5th Edition, 2021	9781975143688	Optional

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<b>MIRS 4452</b> Health Management and Law	Bernie Rubenzer	Introduction to Medical Imaging Management	CRC Press 1st Edition, 2013	9781439891834	Required
<b>MIRS 4660</b> Adv. Clinical Radiation Therapy & Capstone	<b>JAMA</b>	<b>AMA Manual of Style</b>	<b>Oxford University Press</b> 11th Edition, 2020 <i>Also available online via HSC library</i>	<b>9780190246556</b>	<b>Required</b>
	Laura Nappi	Comprehensive Review Guide for the Radiation Therapy Examination	<b>Amazon Digital Services LLC - Kdp</b> 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
<b>MIRS 4773</b> Radiation Dosimetry & Instrumentation	<b>Faiz M. Kahn</b>	<b>Khan's The Physics of Radiation Therapy</b>	<b>Lippincott Williams &amp; Wilkins</b> 6th Edition, 2019	<b>9781496397522</b>	<b>Required</b>
	<b>Bentel et al</b>	<b>Radiation Therapy Planning</b>	<b>McGraw Hill</b> 2nd Edition, 1995 purchase on amazon.com	<b>9780070051157</b>	<b>Optional</b>

<b>Senior Courses SUMMER 2024</b> <i><b>DO NOT purchase books earlier than for the upcoming semester</b></i>					
<b>MIRS 4660</b> Adv Clinical Radiation Therapy and Capstone	<b>C. Washington, D. Leaver</b>	<b>Principles and Practice of Radiation Therapy: Introduction to Radiation Therapy</b>	<b>Mosby</b> 5th Edition, 2020	<b>9780323596954</b>	<b>Required</b>
	<b>Edward Halperin</b>	<b>Principles and Practice of Radiation Oncology</b>	<b>Lippincott Williams &amp; Wilkins</b> 7th Edition, 2018	<b>9781496386793</b>	<b>Optional</b>
MIRS 3511 Patient Support Groups	No text				
<b>MIRS 4703</b> Principles and Practice of Radiation Therapy II	<b>C. Washington, D. Leaver</b>	<b>Principles and Practice of Radiation Therapy: Introduction to Radiation Therapy</b>	<b>Mosby</b> 5th Edition, 2020	<b>9780323596954</b>	<b>Required</b>
	<b>Van, Dasher, &amp; Wiggles</b>	<b>Portal Design in Radiation Therapy</b>	<b>DWV Enterprises</b> 3rd Edition order direct from pub. At portaldesignbook.com	<b>9780964271524</b>	<b>Optional</b>
	<b>Edward Halperin</b>	<b>Principles and Practice of Radiation Oncology</b>	<b>Lippincott Williams &amp; Wilkins</b> 7th Edition, 2018	<b>9781496386793</b>	<b>Optional</b>

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