

Textbooks and Reference Books Related to Health Physics

Title	Edition (Year)	Author(s)	Usage/ Level	Publisher	Availability
Health Physics					
<u>Introduction to Health Physics</u>	4th (2008)	H. Cember and T.E. Johnson	T/G	McGraw-Hill, NY	amazon.com
<u>The Health Physics Solutions Manual</u>	2nd (2009)	H. Cember and T.E. Johnson	T/G	P.S. & E. Press, Silver Spring, MD	amazon.com
<u>Contemporary Health Physics: Problems and Solutions</u>	2nd (2009)	Joseph John Bevelacqua	T/G	Wiley-VCH	amazon.com
<u>Introduction to Radiation Protection: Practical Knowledge for Handling Radioactive Sources</u>	2010	Claus Grupen	T/G	Springer	amazon.com
<u>Radiotracer Methodology in the Biological, Environmental, and Physical Sciences</u>	1st(1975)	C. H. Wang, D. L. Willis, and W. D. Loveland	T/G	Prentice-Hall	amazon.com
<u>Basic Health Physics: Problems and Solutions</u>	2nd (2010)	Joseph John Bevelacqua	T/G	Wiley-VCH	amazon.com
<u>Health Physics in the 21st Century</u>	1st (2008)	Joseph John Bevelacqua	T/G	Wiley-VCH	amazon.com
Health Physics and Radiological Health					
<u>Health Physics and Radiological Health</u>	4th (2011)	T.E. Johnson and B. Birky	R	Lippincott and Williams & Wilkins	amazon.com
<u>Handbook of Health Physics and Radiological Health</u>	3rd (1998)	Bernard Shleien	R	Lippincott and Williams & Wilkins	amazon.com
<u>The Atomic Nucleus</u>	1982	Robley D. Evans	T/G	Krieger Pub Co	amazon.com
<u>Physics for Radiation Protection</u>	3rd (2013)	James E. Martin	T/G/UG	Wiley-VCH	amazon.com
Radiation Physics					
<u>Atoms, Radiation, and Radiation Protection</u>	3rd (2007)	James E. Turner	T/G	Wiley-VCH	amazon.com
<u>Modern Physics</u>	3rd (2012)	Kenneth S. Krane	T/G	Wiley-VCH	amazon.com
<u>Radiation Physics for Medical Physicists</u>	2nd (2010)	E.B. Podgorsak	T/G	Springer	amazon.com
Medical Health Physics					
<u>The Physics and Technology of Radiation Therapy</u>	2010	Patrick N. McDermott and Colin G. Orton	T/G	Medical Physics Pub Corp	amazon.com
<u>An introduction to Radiation Protection in Medicine</u>	1st (2008)	Jamie V. Trapp and Tomas Kron	T/G	CRC Press	amazon.com
<u>Radiation Protection in Medical Imaging and Radiation Oncology</u>	2016	Richard J. Vetter and Magdalena S. Stoeva	T/G	CRC Press	amazon.com
<u>The Physics of Radiation Therapy</u>	5th (2014)	Faiz M. Khan and John P. Gidding	T/G	Lippincott and Williams & Wilkins	amazon.com
<u>Radiation Therapy Physics</u>	4th (2016)	T. Pawlicki, D. Scanderbeg, G. Starkschall	T/G	Wiley-Blackwell	amazon.com
<u>Radiation Protection in the Health Sciences</u>	2nd (2007)	Marilyn E. Noz and Gerald Q. Maguire Jr.	T/UG/G	World Scientific	amazon.com
Risk Assessment					
<u>Radiation Risk Perspective</u>	2007	Kenneth Mossman	T/G	CRC Press	amazon.com
<u>Calculated Risks: The Toxicity and Human Health Risks of Chemicals in our Environment</u>	2nd (2007)	Joseph V. Rodricks	T/G	Cambridge University Press	amazon.com

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<u>Hyping Health Risks: Environmental Hazards in Daily Life and the Science of Epidemiology</u>	1st (2008)	Geoffrey C. Kabat	T/G	Columbia University Press	amazon.com
<u>Strange Glow: The Story of Radiation</u>	2016	Timothy J. Jorgensen	T/G	Princeton University Press	amazon.com
<u>The Limits of Safety: Organizations, Accidents and Nuclear Weapons</u>	1st (1995)	Scott D. Sagan	R/G	Princeton University Press	amazon.com
<u>Radiological Assessment: Sources and Doses</u>	1999	Richard E. Faw and J. K. Shultis	T/G/UG	American Nuclear Society	amazon.com

Environmental Health Physics					
<u>Nuclear Power and its Environmental Effects</u>	1980	S. Glasstone	T/R/G	American Nuclear Society	amazon.com
<u>Radioecology: Nuclear Energy and the Environment</u>	1982	F.W. Whicker and V. Schultz	T/G	CRC Press, Vol. I & II	amazon.com
<u>Environmental Radioactivity from Natural, Industrial and Military Sources</u>	4th (1997)	Merill Eisonbud and Thomas Gesell	R/G	Academic Press	amazon.com
<u>Radiological Risk Assessment and Environmental Analysis</u>	1st (2008)	J.E. Till and H.A. Grogan	R/G	Oxford University Press	amazon.com
<u>Effects of atomic radiation: A half century of studies from Hiroshima and Nagasaki</u>	1st (1995)	W.J. Schull	R/G	Wiley-Liss	amazon.com
<u>Decommissioning Health Physics: A Handbook for MARSSIM Users</u>	2nd (2013)	E. W. Abelquist	T/G	CRC Press	amazon.com
<u>RESRAD Manual Version 6.0</u>	2001	C. Yu, et al.	T/G/R	Argonne National Laboratory	https://web.evs.anl.gov/resrad/documents/resrad6.pdf

Radiation Instrumentation and Detection					
<u>Radiation Detection and Measurement</u>	4th (2010)	G.E. Knoll	T/G	John Wiley and Sons	amazon.com
<u>Measurement and Detection of Radiation</u>	4th (2015)	N. Tsoulfanidis and S. Landsberger	T/G	CRC Press	amazon.com
<u>Physics & Engineering of Radiation Detection</u>	2nd (2015)	Syed N. Ahmed	T/G	Elsevier	amazon.com

Radiation Dosimetry					
<u>Radiation Protection and Dosimetry; An Introduction to Health Physics</u>	2007	Michael G. Stabin	T/G	Springer Science	amazon.com
<u>Introduction to Radiological Physics and Radiation Dosimetry</u>	1st (1991)	Frank H. Attix	T/G	Wiley-VCH	amazon.com
<u>Federal Guidance Reports 11, 12, 13</u>	Various	U.S. Environmental Protection Agency	R	USEPA	https://www.epa.gov/radiation/federal-guidance-report-no-13-supporting-materials
<u>Radiation Dosimetry: Physical and Biological Aspects</u>	1st (1986)	C.G. Orton	R	Springer Science	amazon.com

Radiation Shielding					
<u>Radiation Shielding</u>	2000	J.K. Shultis and R.E. Faw	T/G	American Nuclear Society	amazon.com
<u>Engineering Compendium on Radiation Shielding: Volume 2: Shielding Materials</u>	1975	R.G. Jaeger, et al.	R	Springer	amazon.com
<u>Structural Shielding Design for Medical X-Ray Imaging Facilities</u>	Report No. 147 (2004)	NCRP	T/G/R	NCRP	www.ncrponline.org

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<u>Structural Shielding Design and Evaluation for Megavoltage X- and Gamma-Ray Radiotherapy Facilities</u>	Report No. 151 (2005)	NCRP	T/G/R	NCRP	www.ncrponline.org
<u>Shielding Techniques for Radiation Oncology Facilities</u>	2nd (2002)	Patton H. McGinley	T/G	Medical Physics Pub Corp	amazon.com
<u>Principles of Radiation Shielding</u>	1983	A.B. Chilton, J.K. Shultis and R.E. Faw	T/G	Prentice Hall	amazon.com

Nuclear Regulation

<u>Understanding Nuclear Regulations</u>	2014	Michael Cash	R	New Generation Publishing	amazon.com
<u>Controlling the Atom: The Beginnings of Nuclear Regulation, 1946-1962</u>	1984	George T. Mazuzan and J. Samuel Walker	R	University of California Press	amazon.com
<u>Nuclear Regulation in the U.S.: A Short History (Nuclear Materials and Disaster Research)</u>	2012	Emily S. Fisher	R	Nova Science Pub Ince	amazon.com
<u>A Short History of Nuclear Regulation, 1946-2009</u>	2010	J. Samuel Walker and J. Thomas Wellock	R	Create Space Ind. Pub Platform	amazon.com
<u>Nuclear Energy, Power Plant, and Reactor Sourcebook: A Short History of Nuclear Regulation, 1946-2009 - Formative Years, Debate, Three Mile Island, Terrorist Attack and Nuclear Revival</u>	2015	U.S. Nuclear Regulatory Commission	R	Progressive Management	amazon.com
<u>Nuclear Politics in America: A History and Theory of Government Regulation (Studies in Government & Public Policy)</u>	1997	Robert J. Duffy	R	University Press of Kansas	amazon.com
<u>Nuclear Safeguards, Security and Nonproliferation: Achieving Security with Technology and Policy</u>	2008	James Doyle	R	Butterworth-Heinemann	amazon.com
<u>Radiation Safety Procedures and Training for the Radiation Safety Officer</u>	2013	John R. Haygood	T/G/UG	iUniverse LLC	amazon.com

Radiation Biology

<u>Radiation Biophysics</u>	2nd (1998)	Edward L. Alpen	T/G	Academic Press	amazon.com
<u>Radiation Biology</u>	1968	Alison P. Casarett	T/G	Prentice Hall	amazon.com
<u>Radiaobiology for the Radiation Biologist</u>	7th (2012)	Eric J. Hall	T/G	Lippincott and Williams & Wilkins	amazon.com
<u>Essentials of Radiation, Biology and Protection</u>	2nd (2009)	Steve Forshier	T/G	Delmar Cengage Learning	amazon.com

Radiation Protection (General)

<u>Radiation Protection</u>	1985	R. L. Kathren	R/UG	CRC Press	amazon.com
<u>Radiation Protection: A Guide for Scientists, Regulators and Physicians</u>	2002	Jacobs Shapiro	T/UG	Harvard University Press	amazon.com

Radiation Protection Guidance Documents

<u>ICRP Publications</u>	Various	ICRP	R	ICRP	www.icrp.org
<u>NCRP Publications</u>	Various	NCRP	R	ICRP	www.ncrponline.org

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