

Physics Textbook List

Spring 2005

R=Required O= Optional

Course	Book	Authors	Publisher	R/O
114/115/116	<i>Physics, 3 Volume Pack (UW Custom Edition)</i> OR	Walker	Prentice-Hall	R
114	<i>Physics, Volume I (UW Custom Edition)</i>	Walker	Prentice-Hall	R
115	<i>Physics, Volume II (UW Custom Edition)</i>	Walker	Prentice-Hall	R
116	<i>Physics, Volume III (UW Custom Edition)</i>	Walker	Prentice-Hall	R
117/118/119	<i>Lab Manual at Communications</i>			
121/122/123	<i>Physics for Scientists & Engineers w/ Modern Physics</i> <i>Tutorials in Introductory Physics</i>	Knight McDermott Shaffer	Addison-Wesley Prentice-Hall	R R
121/122/123Z	<i>Lab Manual at Communications</i>			R
123BH	<i>Physics, Vol I-II (Study Guide)</i> <i>Physics, Volume II Extended</i> <i>Physics, Volume I</i> <i>Tutorials in Introductory Physics</i>	Halliday Resnick Resnick Halliday Resnick Halliday McDermott Shaffer	John Wiley & Sons John Wiley & Sons John Wiley & Sons Prentice-Hall	O R R R
207	<i>The Science Of Sound</i>	Rossing Moore	Addison-Wesley	R
212	-NO TEXT IS REQUIRED-			
216	<i>Great Ideas in Physics</i>	Lightman	McGraw-Hill	R
224	<i>Physics for Scientists and Engineers</i>	Giancoli	Prentice-Hall	R
225	<i>Modern Physics</i>	Tipler Llewellyn	W.H. Freeman	R
228	<i>Mathematical Methods in the Physical Sciences</i>	Boas	John Wiley & Sons	R
232	<i>Mathematical Navigator: Graphics & Methods of</i> <i>The Student's Introduction to Mathematica: A</i>	Ruskeepaa Torrence Torrence	Academic Cambridge	R R
322/323	<i>Introduction to Electrodynamics</i>	Griffiths	Prentice-Hall	R
328	<i>Statistical & Thermal Physics: Fundamentals and</i>	Sturge	A.K. Peters	R
331	<i>Data Reduction and Error Analysis for the Physical</i> <i>Optics</i>	Bevington Robinson Hecht	McGraw-Hill Addison-Wesley	R R
335	<i>The Art of Electronics (Student Manual)</i>	Hayes Horowitz	Cambridge	R
409/410/413	NO TEXT IS REQUIRED-			
422	<i>Particles and Nuclei: An Introduction to the Physical</i>	Povh Rith	Springer-Verlag	R
433	<i>Techniques for Nuclear and Particle Physics</i>	Leo	Springer-Verlag	R
487/96/503	-NO TEXT IS REQUIRED-			
506	<i>Statistical Data Analysis (paperback)</i>	Cowan	Clarendon	R
511	-NO TEXT IS REQUIRED-			
515	<i>Classical Electrodynamics</i>	Jackson	John Wiley & Sons	R
519	<i>Principles of Quantum Mechanics</i> <i>Lectures on Quantum Mechanics: Lecture Notes and</i>	Shankar Baym	Plenum Westview Press	R O
541	<i>Introduction to Quantum Mechanics</i> <i>The Quantum Universe (paperback)</i>	Griffiths Hey Waters	Prentice-Hall Cambridge	R R
544	<i>A Travelers Guide To Spacetime</i> <i>Introduction to Electrodynamics</i> <i>Spacetime Physics: Introduction to Special Relativity</i> <i>The Feynman Lectures On Physics, Volume 2</i>	Moore Griffiths Taylor Wheeler Feynman Leighton	McGraw-Hill Prentice-Hall W.H. Freeman Addison-Wesley	O O R R
568	<i>Bosonization Approach to Strongly Correlated</i>	Gogolin et al.	Cambridge	R
571	<i>An Introduction to Quantum Field Theory</i> <i>Quantum Field Theory in a Nutshell</i> <i>Quantum Field Theory</i>	Peskin Schroeder Zee Brown	Perseus Books Princeton Cambridge	O O O
576	<i>Quantum Electronics</i> <i>Lasers</i>	Yariv Siegman	John Wiley & Sons University	O O