

# Physics Textbook List

R=Required O= Optional

Winter 2005

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Course	Book	Authors	Publisher	R/O
110	<i>Physics: Concepts and Connections</i>	Hobson	Prentice-Hall	R
114 & 115	<i>Physics, Volume I (UW Custom Edition)</i>	Walker	Prentice-Hall	R
	OR <i>Physics, 3 Volume Pack (UW Custom Edition)</i>	Walker	Prentice-Hall	R
116	<i>Physics: Principles with Applications (text)</i>	Giancoli	Prentice-Hall	R
	<i>Physics: Principles with Applications (Study Guide)</i>	Boyle	Prentice-Hall	O
117/8/9	<i>Lab Manual at Communications</i>			R
121 & 122	<i>Physics for Scientists &amp; Engineers with Modern Tutorials in Introductory Physics</i>	Knight McDermott / Shaffer	Addison-Wesley Prentice-Hall	R R
	<i>H-ITT 100 (transmitters)</i>			R
122 B	<i>Physics, Volume I</i>	Resnick / Halliday	Wiley	R
	<i>Physics, Volume II Extended</i>	Resnick / Halliday	Wiley	R
	<i>Physics, Vol I-II (Study Guide)</i>	Halliday / Resnick	Wiley	O
	<i>Tutorials in Introductory Physics</i>	McDermott / Shaffer	Prentice-Hall	R
123	<i>Physics for Scientists and Engineers (text)</i>	Giancoli	Prentice-Hall	R
	<i>Physics for Scientists &amp; Engineers (SG &amp; SSM)</i>	Giancoli	Prentice-Hall	O
	<i>Tutorials in Introductory Physics</i>	McDermott / Shaffer	Prentice-Hall	R
	<i>H-ITT 100 (transmitters)</i>			R
121/2/3 Z	<i>Lab Manual at Communications</i>			R
215	<i>Lecture Notes at OUGL</i>			R
224	<i>Physics for Scientists and Engineers</i>	Giancoli	Prentice-Hall	R
225	<i>Quantum Physics of Atoms, Molecules, Solids, Nuclei, Modern Physics</i>	Eisberg / Resnick	Wiley	R
	<i>Introduction to Electrodynamics</i>	Tipler / Llewellyn	W.H. Freeman	R
	<i>Principle of Relativity</i>	Griffiths	Prentice-Hall	O
		Einstein / Lorentz	Dover	O
227	<i>Mathematical Methods in the Physical Sciences</i>	Boas	Wiley	R
315	<i>An Introduction to Quantum Physics</i>	French / Taylor	Norton, W.W.	R
	<i>Introduction to Quantum Mechanics</i>	Griffiths	Prentice-Hall	O
321/2	<i>Introduction to Electrodynamics</i>	Griffiths	Prentice-Hall	R
325	<i>Introduction to Quantum Mechanics</i>	Griffiths	Prentice-Hall	R
334	<i>The Art of Electronics (Student Manual)</i>	Hayes / Horowitz	Cambridge	R
	<i>The Art of Electronics</i>	Horowitz / Hill	Cambridge	O
421	<i>Physics Of Atoms And Molecules (paperback)</i>	Bransden / Joachain	Prentice-Hall	R
432	<i>Materials Online (+ books on reserve at libraries)</i>			R
441	<i>Principles of Quantum Mechanics</i>	Shankar	Plenum	R
	<i>The Ghost in the Atom</i>	Davies / Brown	Cambridge	R
486 & 495	-NO TEXT IS REQUIRED-			
514	<i>Classical Electrodynamics</i>	Jackson	Wiley	R
518	-NO TEXT IS REQUIRED-			
524	<i>Thermodynamics and an Introduction to Introduction to Statistical Physics</i>	Callen	Wiley	R
	<i>Statistical Mechanics</i>	Huang	T&F STM	R
		Kubo	Elsevier Science	O
528 & 536	-NO TEXT IS REQUIRED-			
550	<i>Atomic Physics: An Exploration Through Problems</i>	Budker / Kimball	Oxford	R
561	<i>The Nuclear Many-Body problem</i>	Ring / Schuck	Springer	O
567	<i>Solid State Physics</i>	Ashcroft/Mermin	Saunders	R
570	<i>An Introduction to Quantum Field Theory</i>	Peskin / Schroeder	Perseus Books	O
	<i>Quantum Field Theory in a Nutshell</i>	Zee	Princeton	O
	<i>Quantum Field Theory</i>	Brown	Cambridge	O
580	-NO TEXT IS REQUIRED-			