

Physics Textbook List

Fall 2005

R=Required
O=Optional

Course	Book	Authors	Publisher	R/O
114	<i>Physics, Volume I (UW Custom Edition)</i>	Walker	Prentice-Hall	R
	<i>OR Physics, 3 Volume Pack (UW Custom Edition)</i>	Walker	Prentice-Hall	R
115	<i>Physics, Volume II (UW Custom Edition)</i>	Walker	Prentice-Hall	R
	<i>OR Physics, 3 Volume Pack (UW Custom Edition)</i>	Walker	Prentice-Hall	R
116	<i>Physics, Volume III (UW Custom Edition)</i>	Walker	Prentice-Hall	R
	<i>OR Physics, 3 Volume Pack (UW Custom Edition)</i>	Walker	Prentice-Hall	R
117/8/9	<i>Lab Manual at Communications</i>			R
121/2/3	<i>Physics for Scientists & Engineers with Modern Physics</i>	Knight	Addison-Wesley	R
	<i>Tutorials in Introductory Physics</i>	McDermott& Shaffer	Prentice-Hall	R
121B	<i>Physics, Volume I</i>	Halliday/Resnick/Krane	Wiley	R
	<i>Physics, Volume II</i>	Halliday & Resnick	Wiley	R
	<i>Tutorials in Introductory Physics</i>	McDermott & Shaffer	Prentice-Hall	R
121/2/3Z	<i>Lab Manual at Communications</i>			R
210	<i>Physics By Inquiry, Volumes I & II (shrink-wrapped)</i>	McDermott	Wiley	R
214	<i>Class Reading at CMU copy center or online</i>	None	None	R
224	<i>Physics for Scientists and Engineers</i>	Giancoli	Prentice-Hall	R
225	<i>Modern Physics</i>	Tipler & Llewellyn	Freeman	R
228	<i>Mathematical Methods in the Physical Sciences</i>	Boas	Wiley	R
231	<i>An Introduction to Error Analysis: The Study of</i>	Taylor	University	R
311	<i>Spacetime Physics: Introduction to Special Relativity</i>	Taylor & Wheeler	Freeman	R
321	<i>Introduction to Electrodynamics</i>	Griffiths	Prentice-Hall	R
324	<i>Introduction to Quantum Mechanics</i>	Griffiths	Prentice-Hall	R
405/407	<i>Physics By Inquiry, Volumes I & II shrink-wrapped</i>	McDermott	Wiley	R
410/411	<i>-NO TEXT IS REQUIRED-</i>			
423	<i>Introduction to Solid State Physics</i>	Kittel	Wiley	R
424	<i>Analytical Mechanics</i>	Hand & Finch	Cambridge	R
431	<i>-NO TEXT IS REQUIRED-</i>			
434	<i>LabVIEW 7 Express</i>	Bishop	Prentice-Hall	O
485/494/501	<i>-NO TEXT IS REQUIRED-</i>			
505	<i>Theoretical Mechanics of Particles and Continua</i>	Fetter & Walecka	Dover	R
	<i>Chaotic Dynamics: An Introduction</i>	Baker & Gollub	Cambridge	R
	<i>Classical Mechanics</i>	Goldstein/Poole/Safko	Addison-Wesley	O
	<i>Classical Dynamics: A Contemporary Approach</i>	Jose & Saletan	Cambridge	O
513	<i>Mathematical Methods for Physicists</i>	Arfken & Weber	Academic	R
517	<i>Quantum Mechanics</i>	Messiah	Dover	R
	<i>Lectures on Quantum Mechanic: Lecture Notes and Supplements in Physics</i>	Baym	Addison-Wesley	R
520	<i>An Introduction to Quantum Field Theory</i>	Peskin & Schroeder	Perseus	O
	<i>Quantum Field Theory in a Nutshell</i>	Zee	Princeton	O
	<i>Quantum Field Theory</i>	Brown	Cambridge	O
543	<i>Introduction to Electrodynamics</i>	Griffiths	Prentice-Hall	R
580	<i>-NO TEXT IS REQUIRED-</i>			