Physics Textbook List

R=Required O= Optional

Winter **2008**

Course	Book	Authors	Publisher	R/O
110	*A Briefer History of Time*	Hawking	Bantam Books	R
	The Elegant Universe	Greene	Vintage Books	R
	Fear of Physics	Krauss	Perseus Books	R
	Great Ideas in Physics	Lightman	McGraw-Hill	R
	Hitt Clicker			R
114	*Physics 3e, Vol. I*	Walker	Prentice-Hall	R
115	*Physics 3e, Vol. II*	Walker	Prentice-Hall	R
117	*Lab Manual at UBS*			R
118	*Lab Manual at UBS*			R
119	*Lab Manual at UBS*			R
121	*Physics for Scientist and Engineers: Volume 1*	Tipler/Mosca	W.H. Freeman	R
	Lab Manual at UBS			R
	Tutorials in Introductory Physics	Shaffer/ McDermott	Prentice-Hall	R
122	*Physics for Scientist and Engineers: Volume 1*	Tipler/Mosca	W.H. Freeman	R
	Physics for Scientists and Engineers (Volumes 2 & 3)	Tipler/Mosca	W.H. Freeman	R
	Tutorials in Introductory Physics	Shaffer/ McDermott	Prentice-Hall	R
	Lab Manual at UBS			R
122B	*Six Ideas that Shaped Physics, Unit R*	Moore	McGraw-Hill	R
	Six Ideas that Shaped Physics, Unit E, 3e	Moore	McGraw-Hill	R
	Lab Manual at UBS			R
123	*Physics for Scientists & Engineers with Modern Physics:*	Knight	Addison-	R
	Tutorials in Introductory Physics	Shaffer/ McDermott	Prentice-Hall	R
	Lab Manual at UBS			R
211	*Physics By Inquiry, Volumes I & II shrink-wrapped*	McDermott	John Wiley &	R
224	*Six Ideas that Shaped Physics, Unit T*	Moore	McGraw-Hill	R
	An Introduction to Thermal Physics	Schroeder	Addison-	R
225	*Course pack at UBS*			R
	Six Ideas that Shaped Physics, Unit Q	Moore	McGraw-Hill	O
228	*Mathematical Methods in the Physical Sciences/3e*	Boas	John Wiley &	R
248	*No text required*	None	None	
315	*Six Ideas that Shaped Physics, Unit Q*	Moore	McGraw-Hill	O
	Course pack at UBS			R
321	*Introduction to Electrodynamics, 3e*	Griffiths	Prentice-Hall	R
322	*Introduction to Electrodynamics, 3e*	Griffiths	Prentice-Hall	R
325	*Introduction to Quantum Mechanics*	Griffiths	Prentice-Hall	R
334	*The Art of Electronics*	Hill/Horowitz	Cambridge	R
	The Art of Electronics (Student Manual)	Hayes/Horowitz	Cambridge	R
406	*Physics By Inquiry, Volumes I & II shrink-wrapped*	McDermott	John Wiley &	R
408	*Physics By Inquiry, Volumes I & II shrink-wrapped*	McDermott	John Wiley &	R
410	*No text required*	None	None	
412	*No text required*	None	None	
421	*Atomic Physics*	Foot	Oxford	R
427	*No text required*	None	None	
432	*No text required*	None	None	
441	*Schaum's Outline of Quantum Mechanics*	Peleg /Pnini/ Zaarur	McGraw-Hill	R
	Quantum Physics, 3e	Gasiorowicz	John Wiley &	O
486	*No text required*	None	None	
495	*No text required*	None	None	
502	*No text required*	None	None	
514	*Classical Electrodynamics*	Jackson	John Wiley &	R

Course	Book	Authors	Publisher	R/O
518	*Modern Quantum Mechanics*	*Sakurai*	None	None
524	*Statistical Physics, Part I: Course of Theoretical Physics,*	Landau	Butterworth	R
	Statistical Physics, Part I: Course of Theoretical Physics,	Lifshitz	Butterworth	R
528	*No text required*	None	None	
564	*Spacetime and Geometry- An Introduction to General*	Carroll	Addison-	R
567	*No text required*	None	None	
571	*Statistical Field Theory, Volume I: From Brownian motion*	Drouffe/Itzykson	Cambridge	O
	Statistical Field Theory, Volume II: Strong coupling,	Drouffe/Itzykson	Cambridge	O
	An Introduction to Quantum Field Theory	Peskin/ Schroeder	The Perseus	O
	Quantum Field Theory in a Nutshell	Zee	Princeton	O
575	*Solid State Physics, 2e*	Hall/Hook	John Wiley &	R
	The Solid State	Rosenberg	Oxford	R
578	*No text required*	None	None	
580	*No text required*	None	None	
585	*No text required*	None	None	
586	*No text required*	None	None	
587	*No text required*	None	None	
588	*No text required*	None	None	
589	*No text required*	None	None	