

# Department of Physics and Astronomy

Spring 2013 Textbooks

(Please note that some faculty may require you to purchase clickers)

Course #	Author	Title	Publisher	Edition	ISBN
AST 105	Bennett	The Essential Cosmic Perspective w/Mastering Astronomy	Addison/ Wesley	6th	9780321715364
AST 105 Lab		Lab manuals produced by physics dept and sold in book store.			
AST 105 Online Lab		<b>Dr Markworth's Web Based Astronomy course has a different lab manual will also be produced by dept</b>			
AST 105	Clickers	Will need clickers for AST course			Clickers
EGR 112	Holtzapple	Foundations of Engineering	McGraw-Hill	2 <sup>nd</sup>	0072480823
EGR 215	Hambley	Electrical Engineering: Principles and Applications	Prentice Hall	5 <sup>th</sup>	0132130068
EGR 321	Beer	Vector Mechanics for Engineers: Statics and Dynamics	McGraw-Hill	10th	9780073398136
PHY 101	Hewitt	Conceptual Physics	Addison/Wesley	11 <sup>th</sup>	9780321662637
PHY 101 Lab		Lab manuals produced by physics dept for sale in book store			
PHY 108	Bueche	Schaum's Outline Series College Physics	McGraw-Hill	11 <sup>th</sup>	0071754873
PHY 110	Boylestad	Introduction to Electricity, Electronics & Electromagnetics	Zip-publishing (reprint)	5 <sup>th</sup>	0130105732
PHY 110 Lab	Buchla	Experiments in Electronics Fundamentals and Electrical Circuits Fundamentals, Lab Manual	Prentice-Hall	8th	0135063272
PHY 118	Benade	Fundamentals of Musical Acoustics	Dover	2 <sup>nd</sup> , revised	048626484X
PHY 131	Serway, Faughn, & Vuille	College Physics	Cengage/ formerly Thomson	9th	0840062060
PHY 131 Lab		Lab manuals produced by physics dept for sale in bookstore			
PHY 132	Serway, Faughn, & Vuille	College Physics	Cengage/ formerly Thomson	9th	0840062060
PHY 132 Lab		Lab manuals produced by physics dept for sale in bookstore			
PHY 241	No Text	No Text	No Text	No Text	No Text
PHY 241 Lab		Lab manuals produced by physics dept for sale in bookstore			

<b>PHY 242</b>	Wolfson	Essential University Physics w/ Mastering Physics	Addison-Wesley	2 <sup>nd</sup>	9780321714381
<b>PHY 242 Lab</b>		Lab manuals produced by physics dept for sale in bookstore			
<b>PHY 262</b>	Hambley	Electrical Engineering: Principles and Applications	Prentice Hall	5 <sup>th</sup>	0132130068
<b>PHY 321</b>	Beer	Vector Mechanics for Engineers: Statics and Dynamics	McGraw-Hill	10th	9780073398136

<b>PHY 410</b>	No text	No text	No text	No text	No text
<b>PHY 410.001</b>		Lab manuals produced by physics dept for sale in book store			
<b>PHY 440</b>	Griffiths	Introduction to Electrodynamics	Prentice-Hall	3 <sup>rd</sup>	013805326XE4
<b>PHY 441</b>	Hecht	Optics	Addison Wesley	4 <sup>th</sup>	080538566-5
<b>PHY 511</b>	Griffiths	Introduction to Elementary Particles	Wiley	2 <sup>nd</sup> Revised Edt.	9783527406012
<b>PHY 532</b>	Jackson	Classical Electrodynamics	Wiley	3rd	047130932x
<b>PHY 541</b>	Hecht	Optics	Addison Wesley	4 <sup>th</sup>	080538566-5