

# Department of Physics and Astronomy

Fall 2014 Textbooks

(Please note that some faculty may require students buying a clicker)

Course #	Author	Title	Publisher	Edition	ISBN
<b>AST105</b>	Bennett	The Essential Cosmic Perspective, Books a la Carte Plus MasteringAstronomy / Edition 6 (loose leaf), will also use clickers	Addison Wesley	7 <sup>th</sup>	9780321928740
<b>AST 105 Lab</b>		Lab manuals produced by physics dept and sold in book store. Dr Markworth's Web Based Astronomy course has a different lab manual will also be produced by dept.			
<b>AST 105</b>		Clickers needed for both Lecture & Lab. If you are taking the online section you do not need the clicker.			
<b>EGR 111</b>	Holtzapple	Foundations of Engineering	McGraw- Hill	2 <sup>nd</sup>	0072480823
<b>EGR 215 / PHY 262</b>	Hambly	Electrical Engineering: Principles & Applications	Pearson	5 <sup>th</sup>	9780132130066
<b>EGR 215 / PHY 262 Lab</b>					
<b>EGR /PHY 250</b>	Beer	Vector Mechanics for Engineers: Statics and Dynamics	McGraw-Hill (Stephanie)	10 <sup>th</sup>	9780073398136
<b>PHY 101</b>	Hewitt	Conceptual Physics	Addison/Wesley	12 <sup>th</sup>	9780321909107
<b>PHY 101 Lab</b>		Lab manuals produced by physics dept for sale in bookstore.			
<b>PHY 108</b>	No text	No text	No text	No text	No text

<b>PHY 110</b>	Boylestad	Introduction to Electricity, Electronics, & Electromagnetics	Prentice-Hall ZIP Pub-reprint	5 <sup>th</sup>	0130105732
<b>PHY 110 Lab</b>	Buchla	Experiments in Electronics Fundamentals and Electrical Circuits Fundamentals, Lab Manual	Prentice-Hall (Brooke)	8 <sup>th</sup>	0135063272
<b>PHY 131</b>	Open Stax (Available free online @ <a href="https://openstaxcollege.org/textbooks/college-physics">https://openstaxcollege.org/textbooks/college-physics</a> )	College Physics	Open Stax (Available free online @ <a href="https://openstaxcollege.org/textbooks/college-physics">https://openstaxcollege.org/textbooks/college-physics</a> )	Open Stacks	Open Stacks
<b>PHY 131 Lab</b>		Lab manuals produced by physics dept for sale in bookstore.			
<b>PHY 241</b>		Text produced by physics dept for sale in bookstore			
<b>PHY 241 Lab</b>		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 333</b>	Serway, Moses Moyer	Modern Physics	Cengage/ formerly Thomson	3 <sup>rd</sup>	9780534493394
<b>PHY 333 Lab</b>	Serway, Moses Moyer	Student Solutions Manual-Modern Physics	Cengage/ formerly Thomson	3 <sup>rd</sup>	9780534493417
<b>PHY 347</b>	Boas	Mathematical Methods in the Physical Sciences	Wiley	3 <sup>rd</sup>	9781118048870

<b>PHY 410</b>	No text	No text	No text	No text	No text
<b>PHY 431</b>	Griffiths	Introduction to Quantum Mechanics	Pearson/Prentice Hall	2 <sup>nd</sup>	013111892-7
<b>PHY 531</b>	Goldstein, Poole and Safko	Classical Mechanics	Pearson	3 <sup>rd</sup>	0201657023
<b>PHY 550</b>	Griffiths	Introduction to Quantum Mechanics	Pearson/Prentice Hall	2 <sup>nd</sup>	013111892-7