

**Department of Physics and Astronomy**  
 Fall 2015 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 7 (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	2nd	0072480823
<b>EGR 215</b>	Hambley	Electrical Engineering: Principles and Applications	Pearson	6th	9780133116649
<b>EGR 250</b>	Beer	Vector Mechanics for Engineers: Statics and Dynamics	McGraw-Hill	10 <sup>th</sup>	9780073398136
<b>EGR 305</b>	Hibbeler	Mechanics of Materials	Prentice Hall	9th	0133254429
<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	5 <sup>th</sup>	0130105732

<b>PHY 110 Lab</b>	Buchla	Experiments in Electronics Fundamentals and Electrical Circuits Fundamentals, Lab Manual	Prentice-Hall	8th	0135063272
<b>PHY 131</b>	Young, Adams & Chastain	COLLEGE PHYSICS ALC&MOD MSTG/ETX PKG, 10/E	Pearson	10 <sup>th</sup>	0134172531
<b>PHY 131 Lab</b>		Lab manuals produced by physics dept for sale in bookstore			
<b>PHY 132</b>	Young, Adams & Chastain	COLLEGE PHYSICS ALC&MOD MSTG/ETX PKG, 10/E	Pearson	10 <sup>th</sup>	0134172531
<b>PHY 132 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 V1&V2 & MOD MSTG ETX VP AC PKG	Pearson	3rd	9780134235448
<b>PHY 242 Lab</b>		Lab manuals produced by physics dept for sale in bookstore			
<b>PHY 250</b>	Beer	Vector Mechanics for Engineers: Statics and Dynamics	McGraw-Hill	10th	9780073398136
<b>PHY 262</b>	Hambley	Electrical Engineering: Principles and Applications	Prentice Hall	6th	9780133116649
<b>PHY 333</b>	Serway, Moses Moyer	Modern Physics	Cengage/ formerly Thomson	3 <sup>rd</sup>	9780534493394

<b>PHY 333 Lab</b>		Lab manuals produced by physics dept for sale in bookstore			
<b>PHY 347</b>	Boas	Mathematical Methods in the Physical Sciences	Wiley	3 <sup>rd</sup>	9781118048870
<b>PHY 431</b>	Griffiths	Introduction to Quantum Mechanics	Pearson/Prentice Hall	2nd	0131118927
<b>PHY 512</b>	Brehm & Mullin	Introduction to the Structure of Matter: A Course in Modern Physics	Wiley	1 <sup>st</sup>	0471605317
<b>PHY 550</b>	Griffiths	Introduction to Quantum Mechanics	Prentice Hall	2 <sup>nd</sup>	0131118927