

# Department of Physics and Astronomy

Spring 2016 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>AST 305 (1 of 2)</b>	Pasachoff	Stars and Planets (Peterson Field Guides)	Houghton Mifflin Harcourt	4 <sup>th</sup>	9870395934319
<b>AST 305 (2 of 2)</b>	Duffett-Smith	Practical Astronomy with your Calculator (paperback	Cambridge Univ. Press	4 <sup>th</sup>	9780521146548
<b>EGR 112</b>	Holtzapple	Foundations of Engineering	Mc-Graw-Hill	2 <sup>nd</sup>	0072480823
<b>EGR 314</b>	Dorf & Bishop	Modern Control Systems	Prentice-Hall	12 <sup>th</sup>	9780136024583
<b>EGR 321/ PHY 321</b>	Beer	Vector Mechanics for Engineers: Statics and Dynamics	McGraw-Hill	10 <sup>th</sup>	9780073398136
<b>EGR 343/ PHY 343</b>	Marcovitz	Introduction to Logic Design	McGraw-Hill	3 <sup>rd</sup>	9780132777629
<b>EGR 345</b>	Hibbeler	Fluid Mechanics	Prentice Hall	1 <sup>st</sup>	9780132777629

<b>EGR 370</b>	Alexander	Fundamentals of Electric Circuits	McGraw-Hill	5 <sup>th</sup>	9780073380575
<b>EGR 460</b>	No Text	No Text	No Text	No Text	No Text
<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 102</b>	Hewitt	Conceptual Physics	Addison/Wesley	12 <sup>th</sup>	9780321909107
<b>PHY 102 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	8 <sup>th</sup>	0135063272
<b>PHY 118</b>	Benade	Fundamentals of Musical Acoustics	Dover	2nd, revised	048626484X
<b>PHY 118</b>		Lab manuals produced by physics dept for sale in bookstore.			
<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	3 <sup>rd</sup>	9780134235448
<b>PHY 242 Lab</b>		Lab manuals produced by physics dept for sale in bookstore.			
<b>PHY 410</b>	No text	No text	No text	No text	No text
<b>PHY 430</b>	Schroeder	An Introduction To Thermal Physics	Addison Wesley	1 <sup>st</sup> 2000	0201380277
<b>PHY 440</b>	Griffiths	Introduction to Electrodynamics	Prentice-Hall	3 <sup>rd</sup>	013805236XE\$
<b>PHY530</b>	Schroeder	An Introduction To Thermal Physics	Addison Wesley	1 <sup>st</sup> 2000	0201380277
<b>PHY 551</b>	Merzbacher	Quantum Mechanics	John Wiley & Son	3 <sup>rd</sup>	0471887021