

# Department of Physics and Astronomy

Spring 2017 Textbooks

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

Course #	Author	Title	Publisher	Edition	ISBN
AST105	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
AST 105 Lab		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.			
AST 105		Clickers needed for Mr. Edward Michaels lecture only (section 002).			
AST 335		Stellar Astrophysics	Pearson Custom Library		9781269781114
EGR 112	Stephan, Bowman, Park, Sill, Ohland	Thinking Like an Engineer: An Active Learning Approach	Pearson	3rd	0133593215
EGR 314	Dorf & Bishop	Modern Control Systems	Prentice-Hall	13 <sup>th</sup>	9780134407623
EGR 321/ PHY 321	Beer	Vector Mechanics for Engineers: Statics and Dynamics (Students will have a choice between purchasing the Connect 2 Semester Access Card for Vector Mechanics for Engineers: Statics and Dynamics <b>or</b> Loose Leaf for Vector Mechanics for Engineers: Statics and Dynamics with 2 Semester Connect Access Card Package <b>or</b> the Vector Mechanics for Engineers: Statics and Dynamics with 2 Semester Connect Access Card (Hard back book) package)	McGraw-Hill	11 <sup>th</sup>	9780077687298 <b>Or</b> 9781260052848 <b>Or</b> 9781260053432
EGR 343/ PHY 343	Marcovitz	Introduction to Logic Design	McGraw-Hill	3 <sup>rd</sup>	9780073191645
EGR 345	Hibbeler	Fluid Mechanics	Prentice Hall	1 <sup>st</sup>	9780132777629

<b>EGR 370</b>	Alexander	Fundamentals of Electric Circuits	McGraw-Hill	6 <sup>th</sup>	9780078028229
<b>EGR 470</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>	Floyd & Buchla	Electronics Fundamentals: Circuits, Devices & Applications	Pearson	8 <sup>th</sup>	9780135072950
<b>PHY 110Lab</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>	Wolfson	Essential University Physics, Vol 1 & Vol 2	Pearson	3rd	9780134202709
<b>PHY 241 Lab</b>		Lab manuals produced by physics dept for sale in bookstore			
<b>PHY 242</b>	Wolfson	Essential University Physics, Vol 1 & Vol 2	Pearson	3rd	9780134202709
<b>PHY 242 Lab</b>		Lab manuals produced by physics dept for sale in bookstore.			
<b>PHY 430</b>	Schroeder	An Introduction To Thermal Physics	Addison Wesley	1 <sup>st</sup>	0201380277
<b>PHY 440</b>	Griffiths	Introduction to Electrodynamics	Prentice-Hall	4th	9780321856562
<b>PHY 441</b>	Hecht	Optics	Pearson	5 <sup>th</sup>	9780133977226