

**Department of Physics and Astronomy**  
 Fall 2017 Textbooks  
 (Please note that some faculty may require students buying a clicker)

Course #	Author	Title	Publisher	Edition	ISBN
<i>AST 105</i>	Bennett	The Essential Cosmic Perspective	Addison/ Wesley	8 <sup>th</sup>	9780134566238
<i>AST 105 Lab</i>		Lab manuals produced by physics dept and sold in book store.			
<i>AST 105 Online Lab</i>		<b>Dr Markworth's Web Based Astronomy course has a different lab manual will also be produced by dept</b>			
<i>AST 105</i>	Clickers	Clickers needed for Mr. Edward Michaels lecture only (section 002)			Clickers
<i>EGR 111</i>	Stephan, Bowman, Park, Sill, Ohland	Thinking Like an Engineer: An Active Learning Approach	Pearson	3rd	0133593215
<i>EGR 210</i>	Howard & Musto	Introduction to Solid Modeling Using SolidWorks 2017	McGraw-Hill	13 <sup>th</sup>	9781259696541
<i>EGR 215</i>	Hambley	Electrical Engineering: Principles and Application	Pearson	6 <sup>th</sup>	9780133116649
<i>EGR 250</i>	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
<i>EGR 250 Lab</i>	No Text	No Text	No Text	No Text	No Text
<i>EGR 305</i>	Hibbeler	Mechanics of Materials		10 <sup>th</sup>	Pearson 9780134518121

<b>EGR 344</b>	No Text	No Text	No Text	No Text	No Text
<b>EGR 370</b>	Alexander	Fundamentals of Electric Circuits	McGraw-Hill	6 <sup>th</sup>	9780078028229
<b>EGR 460</b>	No Text	No Text	No Text	No Text	No Text
<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>EGR 370</b>	Alexander	Fundamentals of Electric Circuits	McGraw-Hill	6 <sup>th</sup>	9780078028229
<b>EGR 460</b>	No Text	No Text	No Text	No Text	No Text
<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 book store			
<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	8th	9780135072950

<i>PHY 110 Lab</i>		Lab manuals produced by physics dept for sale in bookstore			
<i>PHY 118</i>	Benade	Fundamentals of Musical Acoustics	Dover	2nd, revised	048626484X
<i>PHY 118</i>		Lab manuals produced by physics dept for sale in book store			
<i>PHY 131</i>	Young, Adams & Chastain	COLLEGE PHYSICS	Pearson	10 <sup>th</sup>	9780321980007
<i>PHY 131 Lab</i>		Lab manuals produced by physics dept for sale in bookstore			
<i>PHY 214</i>	Howard, Musto	Introduction to Solid Modeling Using SolidWorks 2017	McGraw-Hill	13	9781259696541
<i>PHY 241</i>	Wolfson	Essential University Physics, Vol 1 & Vol 2	Pearson	3rd	9780134202709
<i>PHY 241 Lab</i>		Lab manuals produced by physics dept for sale in bookstore			
<i>PHY 242</i>	Wolfson	Essential University Physics, Vol 1 & Vol 2	Pearson	3rd	9780134202709
<i>PHY 242 Lab</i>		Lab manuals produced by physics dept for sale in bookstore			
<i>PHY 250</i>	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
<i>PHY 250 lab</i>	No Text	No Text	No Text	No Text	No Text

<b><i>PHY 333</i></b>	Serway, Moses Moyer	Modern Physics	Cengage/ formerly Thomson	3 <sup>rd</sup>	9780534493394
<b><i>PHY 347</i></b>	Boas	Mathematical Methods in the Physical Sciences	Wiley	3 <sup>rd</sup>	9781118048870
<b><i>PHY 431</i></b>	Griffiths	Introduction to Quantum Mechanics	Pearson/Prentice Hall	2nd	0131118927