

Department of Physics, Engineering and Astronomy
 Spring 2018 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 Mastering Astronomy with eText	Pearson	8 th	013458354X
<i>AST 105 Lab</i>		Lab manuals produced by physics dept and sold in book store.			
<i>AST 105 Online Lab</i>		Dr Markworth's Web Based Astronomy course has a different lab manual will also be produced by dept			
<i>AST 105</i>	Clickers	Clickers needed for Mr. Edward Michaels lecture only (section 002)			Clickers
<i>AST 305 (1 of 2)</i>	Pasachoff	Stars and Planets (Peterson Field Guides)	Houghton Mifflin Harcourt	4 th	9780395934319
<i>AST 305 (2 of 2)</i>	Duffett-Smith	Practical Astronomy With your Calculator or Spreadsheet	Cambridge Univ. Press	4 th	9780521146548
<i>EGR 112</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 th	9781259696541
<i>EGR 215</i>	Hambley	Electrical Engineering: Principles and Application	Pearson	6 th	9780133116649
<i>EGR 215 Lab</i>		Lab manuals produced by physics dept for sale in book store			
<i>EGR 321</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 or Loose Leaf for Vector Mechanics for Engineers: Statics and Dynamics with 2 Semester Connect Access Card Package or the Vector Mechanics for Engineers: Statics and Dynamics with 2	McGraw-Hill	11 th	9780077687298 Or 9781260052848 Or 9781260053432

		Semester Connect Access Card (Hard back book) package)			
<i>EGR 343</i>	Marcovitz	Introduction to Logic Design	McGraw-Hill	3 rd	9780073191645
<i>EGR 343 Lab</i>	No Text	No Text	No Text	No Text	No Text
<i>EGR 345</i>	Hibbeler	Fluid Mechanics	Prentice Hall	2 nd	9780134649290
<i>EGR 414</i>	Dorf & Bishop	Modern Control Systems	Prentice-Hall	13 th	9780134407623
<i>EGR 470</i>	No Text	No Text	No Text	No Text	No Text
<i>PHY 101</i>	Hewitt	Conceptual Physics	Addison/Wesley	12 th	9780321909107
<i>PHY 101 Lab</i>		Lab manuals produced by physics dept for sale in book store			
<i>PHY 102</i>	Hewitt	Conceptual Physics	Addison/Wesley	12 th	9780321909107
<i>PHY 102 Lab</i>		Lab manuals produced by physics dept for sale in book store			
<i>PHY 108</i>	No Text	No Text	No Text	No Text	No Text
<i>PHY 110</i>	Floyd & Buchla	Electronics Fundamentals: Circuits, Devices & Applications	Pearson	8th	9780135072950

PHY 110 <i>Lab</i>		Lab manuals produced by physics dept for sale in bookstore			
PHY 118	Benade	Fundamentals of Musical Acoustics Second	Dover	2 nd	048626484X
PHY 118 <i>Lab</i>		Lab manuals produced by physics dept for sale in bookstore			
PHY 131	Young, Adams & Chastain	COLLEGE PHYSICS ALC&MOD MSTG/ETX PKG, 10/E	Pearson	10 th	9780134172538
PHY 131 <i>Lab</i>		Lab manuals produced by physics dept for sale in bookstore			
PHY 132	Young, Adams & Chastain	COLLEGE PHYSICS ALC&MOD MSTG/ETX PKG, 10/E	Pearson	10 th	9780134172538
PHY 132 <i>Lab</i>		Lab manuals produced by physics dept for sale in bookstore			
PHY 241	Wolfson	Essential University Physics, Vol 1 & Vol 2	Pearson	3 rd	9780134202709
PHY 241 <i>Lab</i>		Lab manuals produced by physics dept for sale in bookstore			
PHY 242	Wolfson	Essential University Physics, Vol 1 & Vol 2	Pearson	3 rd	9780134202709
PHY 242 <i>Lab</i>		Lab manuals produced by physics dept for sale in bookstore			
PHY 262	Hambley	Electrical Engineering: Principles and Application	Pearson	6 th	9780133116649

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PHY 343 Lab	No Text	No Text	No Text	No Text	No Text
PHY 430	Schroeder	An Introduction To Thermal Physics	Addison Wesley	1 st	0201380277
PHY 440	Griffiths	Introduction to Electrodynamics	Prentice-Hall	4 th	9780321856562
PHY 441	No Text	No Text	No Text	No Text	No Text
PHY 441 Lab		Lab manuals produced by physics dept for sale in bookstore			