

Department of Physics and Astronomy

Spring 2019 Textbooks

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 Lecture</i>	Markworth	Classical and Modern Astronomy	Top Hat	2 nd	9781773308593
<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 335</i>	No Text	No Text	No Text	No Text	No Text
<i>EGR 111</i>	Stephan, Bowman, Park, Sill, Ohland	Thinking Like an Engineer: An Active Learning Approach	Pearson	3rd	0133593215
<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 2018	McGraw-Hill	14 th	9781259820175
<i>EGR 215</i>	Alexander & Sadiku	Fundamentals of Electric Circuits W/Connect	McGraw-Hill	6 th	9781260527940
<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	McGraw-Hill	12 th	

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

PHY 110 Lab		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 Lab		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 Lab		Lab manuals produced by physics dept for sale in bookstore			
PHY 215	Alexander & Sadiku	Fundamentals of Electric Circuits W/Connect	McGraw-Hill	6 th	9781260527940
PHY 241	Wolfson	Essential University Physics, Vol 1 & Vol 2	Pearson	3rd	9780134202709
PHY 241 Lab		Lab manuals produced by physics dept for sale in bookstore			
PHY 242	Wolfson	Essential University Physics, Vol 1 & Vol 2	Pearson	3rd	9780134202709
PHY 242 Lab		Lab manuals produced by physics dept for sale in bookstore			
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 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 Semester Connect Access Card (Hard back book) package)	McGraw-Hill	12 th	
PHY 343	Marcovitz	Introduction to Logic Design	McGraw-Hill	3 rd	9780073191645

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