

**Department of Physics, Engineering and Astronomy**  
Spring 2019 Textbooks

<b>Course #</b>	<b>Author</b>	<b>Title</b>	<b>Publisher</b>	<b>Edition</b>	<b>ISBN</b>
<i>AST 105</i>	Bennett	The Essential Cosmic Perspective Mastering Astronomy with eText	Pearson	8 <sup>th</sup>	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 <sup>nd</sup>	9781773308593
<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 335</i>		Stellar Astrophysics	Pearson Custom Library		9781269781114
<i>EGR 111</i>	Stephan, Bowman, Park, Sill, Ohland	Thinking Like an Engineer: An Active Learning Approach	Pearson	3 <sup>rd</sup>	0133593215
<i>EGR 112</i>	Stephan, Bowman, Park, Sill, Ohland	Thinking Like an Engineer: An Active Learning Approach	Pearson	3 <sup>rd</sup>	0133593215
<i>EGR 210</i>	Howard & Musto	Introduction to Solid Modeling Using SolidWorks 2018	McGraw-Hill	14 <sup>th</sup>	9781259820175
<i>EGR 215</i>	Alexander & Sadiku	Fundamentals of Electric Circuits W/Connect	McGraw-Hill	6 <sup>th</sup>	9781260527940
<i>EGR 215 Lab</i>		Lab manuals produced by physics dept for sale in book store			

<b><i>EGR 321</i></b>	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 <sup>th</sup>	
<b><i>EGR 343</i></b>	Marcovitz	Introduction to Logic Design	McGraw-Hill	3 <sup>rd</sup>	9780073191645
<b><i>EGR 343 Lab</i></b>	No Text	No Text	No Text	No Text	No Text
<b><i>EGR 345</i></b>	Hibbeler	Fluid Mechanics	Prentice Hall	2 <sup>nd</sup>	9780134649290
<b><i>EGR 414</i></b>	Dorf & Bishop	Modern Control Systems	Prentice-Hall	13 <sup>th</sup>	9780134407623
<b><i>EGR 470</i></b>	No Text	No Text	No Text	No Text	No Text
<b><i>PHY 101</i></b>	Hewitt	Conceptual Physics	Addison/Wesley	12 <sup>th</sup>	9780321909107
<b><i>PHY 101 Lab</i></b>		Lab manuals produced by physics dept for sale in book store			
<b><i>PHY 102</i></b>	Hewitt	Conceptual Physics	Addison/Wesley	12 <sup>th</sup>	9780321909107
<b><i>PHY 102 Lab</i></b>		Lab manuals produced by physics dept for sale in book store			
<b><i>PHY 108</i></b>	No Text	No Text	No Text	No Text	No Text
<b><i>PHY 110</i></b>	Floyd & Buchla	Electronics Fundamentals: Circuits, Devices & Applications	Pearson	8th	9780135072950

<b>PHY 110 Lab</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>	9780134172538
<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>	9780134172538
<b>PHY 132 Lab</b>		Lab manuals produced by physics dept for sale in bookstore			
<b>PHY 215</b>	Alexander & Sadiku	Fundamentals of Electric Circuits W/Connect	McGraw-Hill	6 <sup>th</sup>	9781260527940
<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 321</b>	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 <sup>th</sup>	
<b>PHY 343</b>	Marcovitz	Introduction to Logic Design	McGraw-Hill	3 <sup>rd</sup>	9780073191645

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