

Department of Physics and Astronomy
 Fall 2016 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 Mastering Astronomy / Edition 7 (loose leaf), will also use clickers	Addison Wesley	7 th	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 Lecture only. If you are taking the online section you do not need the clicker.			
EGR 111	Stephan, Bowman, Park, Sill, Ohland	Thinking Like an Engineer: An Active Learning Approach	Pearson	3rd	0133593215
EGR 215	Hambley	Electrical Engineering: Principles and Applications	Pearson	6 th (or 5 th)	9780133116649
EGR 250	Beer	Vector Mechanics for Engineers: Statics and Dynamics	McGraw-Hill	10 th	9780073398136
EGR 305	Hibbeler	Mechanics of Materials	Prentice Hall	9th	0133254429
EGR 344		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 bookstore.			

PHY 108	No Text	No Text	No Text	No Text	No Text
PHY 110	Boylestad	Introduction to Electricity, Electronics, & Electromagnetics	Prentice-Hall	5 th	0130105732
PHY 110 Lab	Buchla	Experiments in Electronics Fundamentals and Electrical Circuits Fundamentals, Lab Manual	Prentice-Hall	8th	0135063272
PHY 118	Benade	Fundamentals of Musical Acoustics	Dover	2nd, revised	048626484X
PHY 131	Young, Adams & Chastain	COLLEGE PHYSICS ALC&MOD MSTG/ETX PKG, 10/E	Pearson	10 th	0134172531
PHY 131 Lab		Lab manuals produced by physics dept for sale in bookstore			
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 and Vol 2	Pearson	3rd	9780134202709
PHY 242 Lab		Lab manuals produced by physics dept for sale in bookstore			
PHY 250	Beer	Vector Mechanics for Engineers: Statics and Dynamics	McGraw-Hill	10th	9780073398136
PHY 262	Hambley	Electrical Engineering: Principles and Applications	Prentice Hall	6 th (or 5 th)	9780133116649

PHY 333	Serway, Moses Moyer	Modern Physics	Cengage/ formerly Thomson	3 rd	9780534493394
PHY 333 Lab		Lab manuals produced by physics dept for sale in bookstore			
PHY 347	Boas	Mathematical Methods in the Physical Sciences	Wiley	3 rd	9781118048870
PHY 431	Griffiths	Introduction to Quantum Mechanics	Pearson/Prentice Hall	2 nd	0131118927
PHY 550	Griffiths	Introduction to Quantum Mechanics	Prentice Hall	2 nd	0131118927