

October 31, 2008

Spring 2009 Physics Department Textbook List

Course and Section	Instructor	Title, Edition-Author-Publisher
880:011 Sec. 1 Conceptual Physics	Morgan/ T. Yasuda	<i>How Things Work</i> , 3rd Edition, Louis A. Bloomfield, Wiley (2006) ISBN #978-0471468868 Lab Manual in class.
880:012 Sec. 1 Physics in Everyday Life	Morgan	<i>How Things Work</i> , 3rd Edition, Louis A. Bloomfield, Wiley (2006) ISBN # #978-0471468868 <sup>1</sup> Per a conversation with Marti Mount from Wiley, a 4 <sup>th</sup> edition of Bloomfield is coming out in December. However, binder copies of the 3 <sup>rd</sup> edition are supposed to be available, and I'd prefer to keep the 3 <sup>rd</sup> edition for the Spring 2009 semester, and go to the 4 <sup>th</sup> edition next school year. <sup>1</sup> There are two sections of this course enrolling 80 each; I would anticipate a significant number of students in this year's course would sell their books back.
880:012 Sec. 2 Physics in Everyday Life	Morgan	Same as section 1
880:054 Sec. 1 General Physics I	M. Roth	<i>College Physics: A Strategic Approach</i> , by R. Knight, B. Jones, and S. Field, Pearson-Addison Wesley, 1st Edition (2007), (Does NOT want Student Workbook bundled with new book)
880:054 Sec. 2 General Physics I	D. Olson	<i>College Physics: A Strategic Approach</i> Vol. 1 by Randy Knight, Brian Jones and Stuart Field, Addison Wesley (2007), wrapped with <i>College Physics: A Strategic Approach Student Workbook</i> Vol. 1 by Randall Knight and James Andrews, Addison Wesley (2007) ISBN-10: 0805346627. Text and workbook bundled.
880:054 Sec. 3 General Physics I	Escalada	Same as 880:054 sec. 2
880:054 Sec. 4 General Physics I	T. Yasuda	Same as 880:054 sec. 1
880:056 Sec. 1 General Physics II	Behroozi	<i>College Physics: A Strategic Approach</i> Vol. 2, by R. Knight, B. Jones, and S. Field, Pearson-Addison Wesley, 1st Edition (2007) ISBN 0-8053-0630-7
880:056 Sec. 2 General Physics II	Kidd	Same as 880:056 sec. 1
880:056 Sec. 3 General Physics II	T. Yasuda	Same as 880:056 sec. 1

880:131 Sec. 1 Physics II for Sci. & Eng.	Kidd	<i>University Physics Vol 2 (Chapters 21-37) with MasteringPhysics™, 12/E</i> Young, Freedman & Ford, Addison-Wesley, (2008) Paper Bound ISBN-10: 0321500393   ISBN-13: 9780321500397
880:137g Sec. 1 Modern Physics	Shand	<i>Modern Physics for Scientists and Engineers</i> , Second Edition, by J. R. Taylor, Zafiratos, and M.A. Dubson, Prentice Hall (2004).
880:138g Sec. 1 Modern Physics Laboratory	Shand	<i>Introduction to Error Analysis</i> , Second Edition, by J.R. Taylor, University Science Books (1997).
880:154g Sec. 1 Digital Electronics and Robotics	D. Olson	To be selected
880:157g Fundamentals of Physics I	Staff	Same as 880:054
880:158g Fundamentals of Physics II	Staff	Same as 880:056
880:167g Sec. 1 Electrodynamics	Behroozi	<i>Introduction to Electrodynamics, 3<sup>rd</sup> Edition</i> , by David J. Griffiths (Prentice Hall, 1999) ISBN 0-13-805326-X
880:205 Sec. 1 Modeling & Simulation of Physical Systems	Roth	<i>A First Course in Computational Physics and Object-Oriented Programming with C++</i> , by David Yevick, April 2005, ISBN-13: 9780521827782
880:220 Sec. 1 Computer Interfacing & Signal Processing	Olson	<i>LabVIEW for Everyone, Third edition</i> , Jeffrey Travis and Jim Kring, Prentice Hall, ISBN 0-13-185672-3 or 978-0131856721
		<b>820 Science and Science Education (taught by Physics or PSM Faculty)</b>
820:031 Sec. 1, 2 & 3 Inquiry into Physical Science	Breitbach-1 Escalada-2 Lang-3	<i>Physical Science &amp; Everyday Thinking</i> (2007) by Fred Goldberg, Rebecca Kruse, Steve Robinson, Valerie Otero, and Nephie Thompson. It's About Time. ISBN 978-1-58591-668-9.
820:190 Sec. 1 Orientation to Science Teaching	Morgan	<i>The Game of Science Education</i> , 1 <sup>st</sup> Edition, edited by J. Weld., Allyn & Bacon, ISBN 0-205-376304
820:215 Sec. 1 Team-Building Problem Solving	Chancey	No text required