

October 30, 2009

## Spring 2010 Physics Department Textbook List

Course and Section	Instructor	Title, Edition-Author-Publisher
880:011 Sec. 1 Conceptual Physics	Behroozi	<u>Required</u> <i>How Things Work: The Physics of Everyday Life</i> , Louis A. Bloomfield, 4 <sup>th</sup> Edition; Wiley (2010), ISBN-13: 978-0-470-22399-4
880:012 Sec. 1 Physics in Everyday Life	Behroozi	<u>Required</u> <i>How Things Work: The Physics of Everyday Life</i> , Louis A. Bloomfield, 4 <sup>th</sup> Edition; Wiley (2010) ISBN-13: 978-0-470-22399-4
880:012 Sec. 2 Physics in Everyday Life	Behroozi	<u>Required</u> <i>How Things Work: The Physics of Everyday Life</i> , Louis A. Bloomfield 4 <sup>th</sup> Edition; Wiley (2010), ISBN-13: 978-0-470-22399-4
880:054 Sec. 1 General Physics I	Stollenwerk	<i>College Physics: A Strategic Approach</i> , Vol. 1 by R. Knight, B. Jones, and S. Field, Pearson-Addison Wesley, 1st Edition, Pearson Addison-Wesley (2007) (textbook only)
880:054 Sec. 2 General Physics I	T. Yasuda	<i>College Physics: A Strategic Approach Vol. 1</i> , by R. Knight, B. Jones, and S. Field, Pearson-Addison Wesley, 1st Edition (2007) (textbook only)
880:054 Sec. 3 General Physics I	Stollenwerk	Same as section 1
880:054 Sec. 4 General Physics I	K. Nagle	<i>College Physics: A Strategic Approach</i> , Vol. 1 with MasteringPhysics, by R. Knight, B. Jones, and S. Field, Pearson-Addison Wesley, 1st Edition (2007) ISBN-10: 0805316957
880:056 Sec. 1 General Physics II	Escalada	<i>College Physics – A Strategic Approach Volume 2 with Mastering Physics (2007)- 1<sup>st</sup> Edition</i> by Randall D. Knight, Brian Jones, and Stuart Field. Pearson/Addison Wesley. ISBN-10: 0805316965 Note: Package includes Volume 2, Mastering Physics, and ebook which are all required unless entire textbook already purchased. If this is the case, Mastering Physics would need to be purchased.

880:056 Sec. 2 General Physics II	J. Morgan	To be selected
880:056 Sec. 3 General Physics II	M. Roth	<i>College Physics: A Strategic Approach Vol. 2</i> , by R. Knight, B. Jones, and S. Field, Pearson-Addison Wesley, 1st Edition (2007) Textbook only.
880:056 Sec. 4 General Physics II	T. Yasuda	<i>College Physics: A Strategic Approach Vol. 2</i> , by R. Knight, B. Jones, and S. Field, Pearson-Addison Wesley, 1st Edition (2007) Textbook only.
880:086 Sec. 1 Studies in Robotics	Olson	No text required
880:131 Sec. 1 Physics II for Sci. & Eng.	Deisz	<i>University Physics with Modern Physics with MasteringPhysics™</i> , 12/E Hugh D. Young & Roger A. Freedman, University of California, Santa Barbara, Addison-Wesley, 2008. (cloth format) ISBN-10: 080532187X or ISBN-13: 9780805321876
880:137g Sec. 1 Modern Physics	Shand	<i>Modern Physics for Scientists and Engineers</i> , 2 <sup>nd</sup> ed. by J. R. Taylor, C.D. Zafiratos, and M.A. Dubson, Prentice Hall (2004)
880:138g Sec. 1 Modern Physics Lab	Shand	<i>Introduction to Error Analysis</i> , 2 <sup>nd</sup> ed., by J.R. Taylor, University Science Books (1997)
880:148g Sec. 1 Intermediate Nanoscience & Nanotechnology	Chancey/ Strauss/ Stollenwerk	No text required
880:154g Sec. 1 Digital Electronics & Robotics	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
880:172gg Sec. 1 Quantum Mechanics	M. Roth	<i>Introduction to Quantum Mechanics</i> by David J. Griffiths, Benjamin-Cummings Publishing Co. (2004) ISBN 0131118927 or 9780131118928
880:186g Studies in Physics & Everyday Thinking	Escalada	<i>Physics &amp; Everyday Thinking</i> by Fred Goldberg, Steve Robinson, and Valerie Otero, (2008) It's About Time, Inc. ISBN: 978-1-58591-665-8 Required Textbook
880:220 Sec. 1 Computer Interfacing & Signal Processing	Olson	<i>Hands-On Introduction to LabVIEW for Scientists and Engineers</i> , by John Essick, Oxford University Press (2009). ISBN: 978-0-19-537395-0

		<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 Humston-1 Lang-1	<i>Physical Science &amp; Everyday Thinking</i> (2009) – 2 <sup>nd</sup> Edition by Fred Goldberg, Rebecca Kruse, Steve Robinson, Valerie Otero, and Nephie Thompson. It's About Time. ISBN#: 978-1-58591-931-4 Note: Textbook should not be bought back since pages will be torn out and submitted to instructor during the semester.
820:190 Sec. 1 Orientation to Science Teaching	Morgan	To be selected
820:209 Business Management for Science Professionals	Chancey	No text required
820:215 Team-Based Problem Solving	Chancey	No text required