

DEPARTMENT OF PHYSICS - Spring 2001 TEXT LIST

June 5, 2006

7A. 1-3 - Zettl, A. & Stahler, S.

- REQ Giancoli, PHYSICS FOR SCIENTISTS & ENGINEERS, V. 1, 3rd ed., 2000, Prentice-Hall
REQ Elby, PORTABLE TA PROBLEM SOLVING GUIDE, V.1, Prentice Hall
7A LAB MANUAL to be purchased
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H7A - Jacobsen, R.

- REQ Kleppner, D & Kolenkow, AN INTRODUCTION TO MECHANICS, '73, McGraw- Hill
7A LAB MANUAL to be purchased
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7B. 1 & 2 - Wohl, C. & Packard, R.

- REQ Giancoli, PHYSICS FOR SCIENTISTS AND ENGINEERS, V. 1 & 2, 3rd ed., 2000, Prentice-Hall
REC Elby, PORTABLE TA PROBLEM SOLVING GUIDE, V.2, Prentice Hall
7B LAB MANUAL to be purchased
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H7B - Muller, R.

- REQ Purcell, EM, BERKELY PHYSICS COURSE: ELECTRICITY & MAGNETISM, V. 2, 2ND ed., '85, McGraw-Hill
7B LAB MANUAL to be purchased
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7C. 1 & 2 - Richards, P.

- REQ Giancoli, PHYSICS FOR SCIENTISTS AND ENGINEERS, V. 2, 3rd ed., 2000, Prentice Hall
REQ 7C LAB MANUAL to be purchased
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H7C - Wohl, C.

- REQ Bondi, RELATIVITY AND COMMON SENSE, Dover
REQ Rohlf, MODERN PHYSICS FROM A TO Z, Wiley
7C LAB MANUAL to be purchased
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8A. 1 & 2 - Golightly, W.

- REQ Halliday, Resnick & Walker, FUNDAMENTALS OF PHYSICS, V. 1, 6th ed., 2000, Wiley
8A LAB MANUAL to be purchased
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8B.1 - Dalven, R.

- REQ Halliday, Resnick and Walker, FUNDAMENTALS OF PHYSICS, V. 2, 6th ed., 2000, Wiley
REC Dalven, MATH FOR PHYSICS, McGraw Hill
8B LAB MANUAL to be purchased

8B.2 - Fajans, J.

- REQ Halliday, Resnick and Walker, FUNDAMENTALS OF PHYSICS, V. 2, 6th ed., 2000, Wiley
8B LAB MANUAL to be purchased
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10 - Kerth, L.

- REQ Kirkpatrick & Wheeler, PHYSICS: A WORLD VIEW, 4th ed., Saunders College
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24.1 - Shapiro, G.

- REQ Shapiro, G., A SKELETON IN THE DARKROOM*
*NOTE: Course reader to be available at Copy Central on Brancroft Avenue

24.2-3 - Jacobsen, R.

- REQ None
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105.1 - Bardakci, K.

REQ Marion & Thornton, CLASSICAL DYNAMICS OF PARTICLES & SYSTEMS, Harcourt Brace

105.2 - Hua, D.

REQ Marion & Thornton, CLASSICAL DYNAMICS OF PARTICLES & SYSTEMS, 4th ed., Saunders College

108 - Shen, Y.R.

REQ None

110A - Suzuki, M.

REQ Griffiths, INTRODUCTION TO ELECTRODYNAMICS, 3rd edition, 1999, Prentice Hall

110B.1 - Strovink, M.

REQ Griffiths, INTRODUCTION TO ELECTRODYNAMICS, 3rd ed. 1999, Prentice Hall

REQ Pedrotti & Pedrotti, INTRODUCTION TO OPTICS, Prentice Hall

110B.2 - Shapiro, G.

REQ Griffiths, INTRODUCTION TO ELECTRODYNAMICS, 3rd ed. '1999, Prentice Hall

REQ Pedrotti & Pedrotti, INTRODUCTION TO OPTICS, Prentice Hall

111.1 - Siegrist, J

REQ Sedra, MICROELECTRONIC CIRCUITS, 3rd ed. '91, Oxford

REC Horowitz & Hill, THE ART OF ELECTRONICS, 2nd ed., Cambridge

REC Horowitz & Hayes, SOLUTION MANUAL TO THE ART OF ELECTRONICS, Cambridge

111.2-4 - Davis, S. P., & Orenstein, J.

REQ Lyons, L., A PRACTICAL GUIDE TO DATA ANALYSIS FOR PHYSICAL SCIENCE STUDENS, Cambridge

REQ Milissinos, EXPERIMENTS IN MODERN PHYSICS, Academic Press

112.1 - Commins, E.

REQ Baierlein, R., THERMAL PHYSICS, Cambridge University Press

112. 2 - Sadoulet, B.

REQ Kittel, THERMAL PHYSICS, 2nd ed., 1980, Freeman

137A.1 - Luk, K-B.

REQ Bransden & Joachain, QUANTUM MECHANICS, 2nd ed., Pearson Education

REC Liboff, R., INTRODUCTORY QUANTUM MECHANICS, 3rd ed., Addison-Wesley

REC Robinett, R., QUANTUM MECHANICS, Oxford University Press

137A.2 - Stamper-Kurn, D.

REQ Bransden & Joachain, QUANTUM MECHANICS, 2nd ed., Pearson Education

REC Griffiths, INTRODUCTION TO QUANTUM MECHANICS, Prentice Hall

REC Liboff, INTRODUCTORY QUANTUM MECHANICS, 3rd ed., Addison-Wesley

REC Cohen-Tannoudji, QUANTUM MECHANICS, V. 1 & 2, Wiley

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137B.1 - Snyderman, N.

- REQ Griffiths, INTRODUCTION TO QUANTUM MECHANICS, Prentice Hall
REQ Feynman, LECTURES ON PHYSICS III, Addison-Wesley
REC Dicke, R. & Wittke, J., INTRODUCTION TO QUANTUM MECHANICS, Addison-Wesley

137B.2 - Clarke, J.

- REQ Griffiths, INTRODUCTION TO QUANTUM MECHANICS, Prentice Hall
REC Schiff, L., QUANTUM MECHANICS, 3rd ed., McGraw Hill

139 - Smoot, G.

- REQ Mould, BASIC RELATIVITY, Springer-Verlag

141A - Crommie, M.

- REQ Kittel, INTRODUCTION TO SOLID STATE PHYSICS, 7th ed., '96, Wiley

141B - Qiu, Z.

- REQ Kittel, INTRODUCTION TO SOLID STATE PHYSICS, 7th ed., '96, Wiley

C160B - Holzapfel, W.

- REQ Longair, HIGH ENERGY ASTROPHYSICS, V.2, 2nd ed., Cambridge University Press
REQ Roos, INTRODUCTION TO COSMOLOGY, 2nd ed., '97, Wiley

H190 - Budker, D.

- REQ None

208B - Chiao, R.

- REQ Loudon, R., THE QUANTUM THEORY OF LIGHT, 2nd ed., Oxford University Press

210B - Morehead, J.

- REQ Jackson, J D, CLASSICAL ELECTRODYNAMICS, 3rd ed., '99, Wiley

212 - Lee, D.

- REQ None

221B - Murayama, H.

- REQ None

223 - Wichmann, E

- REQ None

229B - Gaillard, M.

- REQ Peskin & Schroeder, AN INTRODUCTION TO QUANTUM FIELD THEORY, Perseus Educ.

230A - Halpern, M.

- REQ Peskin & Schroeder, AN INTRODUCTION TO QUANTUM FIELD THEORY, Perseus Educ.
REC Ramond, P., FIELD THEORY: A MODERN PRIMER, Addison-Wesley
REC Bjorken & Drell, RELATIVISTIC QUANTUM FIELD, V. II, McGraw Hill
REC Ryder, QUANTUM FIELD THEORY, Cambridge University Press
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231 - Hall, L.

REQ Schutz, B., A FIRST COURSE IN GENERAL RELATIVITY, Cambridge Univ. Press

240B - Cohen, M.

REC Kittel, INTRODUCTION TO SOLID STATE PHYSICS, Wiley

REC Ashcroft & Mermin, SOLID STATE PHYSICS, Holt, Rinehart & Winston

REC Cohen & Chelikowsky, ELECTRIC STRUCTURE AND OPTICAL PROPERTIES OF SEMICONDUCTORS,
Springer-Verlag

REC Kittel, QUANTUM THEORY OF SOLIDS, Wiley

REC Madelung, INTRODUCTION TO SOLID-STATE THEORY, Spring Verlag

REC Ziman, PRINCIPLES OF THEORY OF SOLIDS, 2nd, '72, Cambridge
