

FALL 2009 BOOK ORDER

- I. **AST1002 (Planets, Stars, and Galaxies)** A Beginner's Guide to the Universe, with Mastering Astronomy 6th Ed., Chaisson and McMillan, Publisher: Addison Wesley, ISBN: 9780321598769
- II. **AST1002L (Introductory Astronomy Laboratory)** **Book not required**
- III. **AST4211/ 5210 (Introduction to Astrophysics)** Introduction to Modern Astrophysics, 2nd Ed., Carroll and Ostlie, Publisher: Benjamin Cummings, ISBN: 0805304029,
- IV. **AST4218/ 5219 (Astrophysics Seminar)** **Book not required**
- V. **AST4414/ 5416 (Cosmology)** Cosmology, Steven Weinberg, Publisher: Oxford University Press, ISBN:9780198526827, Professor(s): Gerardy , **Suggested but not required**, An Introduction to Modern Cosmology, 2nd edition, Andrew Liddle, Publisher: Wiley, ISBN:0470848359
- VI. **AST5760/ PHY4936-5 (Computational Astrophysics)** Numerical Methods in Astrophysics: An Introduction, 1st Ed., P. Bodenheimer, G.P. Laughlin, M. Rozyczka, H.W. Yorke, Publisher: Taylor & Francis, ISBN: 0750308834; Press, W. H., Teukolsky, S. A., Vetterling, W. T., Flannery, B. P., Numerical Recipes with Source Code CD-ROM 3rd Edition: The Art of Scientific Computing (Cambridge University Press) ISBN-10: 0521884071 (OPTIONAL)
- VII. **PHY1020 (Fundamentals of Physics)** How Things Work: The Physics of Everyday Life, by Louis Bloomfield, published by John Wiley & Sons, 4th edition, ISBN 978-0-470-22399-4
- VIII. **PHY1020L (Fundamentals of Physics Laboratory)** Phy1020L Physics Lab (Target Packet) by Mark Riley CAN BE PURCHASED FROM TARGET COPY IN TALLAHASSE, FLORIDA, PHONE NO. (850)224-3007, EMAIL: service@targetcopy.com, Professor(s): Riley
- IX. **PHY1090 (Discovering Physics)** **Book not required**
- X. **PHY2048C (General Physics A)** Essential University Physics, Vol. 1, 1st Ed., Richard Wolfson, Publisher: Addison-Wesley, ISBN: 0805338292
- XI. **PHY2048C (General Physics A Studio)** Physics for Scientists and Engineers: A strategic Approach, Vol1 (Chs1-15) with Mastering Physics, Randall Knight; ISBN: 0321516621 Format: Paper Package, Publisher: Addison Wesley, Edition Number: 2
- XII. **PHY2048L (General Physics A Lab)** **Book not required**
- XIII. **PHY2049C (General Physics B)** Essential University Physics, Vol. 2, 1st Ed., Richard Wolfson, Publisher: Addison-Wesley, ISBN: 0805338381
- XIV. **PHY2049C (General Physics B Studio)** Essential University Physics, Vol. 2, 2nd Ed., Richard Wolfson, Publisher: Addison-Wesley, ISBN: 0805338381
- XV. **PHY2049L (General Physics B Lab)** **Book not required**
- XVI. **PHY2053C (College Physics A)** College Physics: Reasoning and Relationships, Nicholas J. Giordano, Publisher: Brooks/Cole Cengage, ISBN:0495663824
- XVII. **PHY2053L** **Book not required**
- XVIII. **PHY2054C (College Physics B)** Physics: Principles with Applications, Volume 2;, Douglas C. Giancoli, Publisher: Addison Wesley, ISBN:0321569873, Professor(s): Ng
PHY2054L **Book not required**
- XIX. **PHY3091 (Communication in Physics)** **Book not required**
- XX. **PHY3101 (Intermediate Modern Physics)** Modern Physics, 5th Ed., Tipler and Llewellyn, Publisher: W.H. Freeman, ISBN: 0716784750

- XXI. **PHY3424 (Optics) Optics**, 4th Ed., Eugene Hecht, Publisher: Addison-Wesley, ISBN: 0805385665
- XXII. **PHY3802L/ 4822L) The Art of Experimental Physics**, 1st Ed., Daryl W. Preston, Publisher: Wiley, ISBN: 0471847488, Published: 1/16/91, Copyright 1991, Professor(s): Wahl
recommended
- XXIII. **PHY4323/ 5326 (Intermediate Electricity and Magnetism) Introduction to Electrodynamics**, 3rd Ed., David J. Griffiths, Publisher: Prentice Hall, ISBN: 9780138053260
- XXIV. **PHZ4601/5606 (Special & General Theories of Relativity) General Relativity: An Introduction for Physicists**, M. P. Hobson, G.P. Efstathiou and L.D. Lasenby; Publisher: Cambridge University, ISBN:9780521829519
- XXV. **PHY4604/ 5607 (Quantum Theory of Matter A) Introduction to Quantum Mechanics**, 2nd Ed., David J. Griffiths, Publisher: Benjamin Cummings, ISBN: 0131118927, Professor(s): Schlottmann
- XXVI. **PHY4936-6 (WIMSE Colloquium) Outliers: The Story of Success**, by Malcolm Gladwell, Publisher: Little, Brown, paperback, ISBN-10: 0316036692, ISBN-13: 978-0316036696
- XXVII. **PHY5157 (Advanced Numerical Applications)**
- XXVIII. **PHY5246 (Theoretical Dynamics) Theoretical Mechanics of Particles and Continua**, 1st Ed., Fetter and Walecka, Publisher: Dover Publications, ISBN: 486432610,
- XXIX. **PHZ5305 (Nuclear Physics 1) The Nuclear Many-Body Problem**, study edition, by Ring and Schuck, Publisher: Springer; ISBN:978354021206-5
- XXX. **PHY5346 (Electrodynamics A) Classical Electrodynamics**, 2nd Ed., David Jackson, Publisher: Wiley, ISBN 047143132x
- 32.PHY5645 (Quantum Mechanics A) PHY5645 (Quantum Mechanics A) Quantum Mechanics**
3rd Ed., Eugen
- > Merzbacher, Publisher: Wiley, ISBN: 0471887021, Published: 1/01/98,
 - > Copyright 1998 AND Lectures on Quantum Mechanics, 1st Ed., Gordon
 - > Baym,
 - > Publisher: Westview Press, ISBN: 0805306676, Published: 1/21/74,
 - > Copyright 1974, Professor(s): Vafek both are required
- XXXI. Merzbacher, Publisher: Wiley, ISBN: 0471887021, Published: 1/01/98,
- XXXII. Copyright 1998 AND Lectures on Quantum Mechanics, 1st Ed., Gordon
- XXXIII. Baym,
- XXXIV. > Publisher: Westview Press, ISBN: 0805306676,
- XXXV. **PHY5667(Quantum Field Theory A) Quantum Field Theory**, 1st Ed., Mark Srednicki, Publisher: Cambridge University Press, ISBN: 0521864496
- XXXVI. **PHY6941 (Nuclear Physics Seminar) **Book not required****
- XXXVII. **PHZ4390 (Particle Nuclear Physics) Introduction to Nuclear and Particle Physics**, 2nd Ed., Bromberg, Das, and Ferbel, Publisher: World Scientific Publishing Company, ISBN: 9812387447
- XXXVIII. **PHZ4702 (Biomedical Physics) Physics in Biology and Medicine**, 3rd ed., Paul Davidovits, Publisher: Academic Press, ISBN: 9780123694119
- XXXIX. **PHZ5491 (Condensed Matter Physics I) Solid State Physics**, 1st Ed., Ashcroft and Mermin, Publisher: Brooks Cole, ISBN: 0030839939, Professor(s): Yang
- XL. **ISC5228 (Markov Chain Simulation)**