

FALL 2009 Required and Recommended Textbooks

CHEMISTRY

CHEM1305 Intro Chemistry I

Instructor: Boyd

Required texts:

- 1) Raymond, *General, Organic and Biological Chemistry 2/E*, (this is the binder ready option with the wileyplus online code) ISBN-13: 9780470281253. (If you prefer the hardcover version of the textbook with the wileyplus online code, its ISBN-13 is 9780470280935.)

AND

- 2) Kelley, *Chemistry Case Studies for Allied Health Students*, ISBN-13: 9780470039762

Recommended text:

Howell, *Student Solutions Manual & Study Guide for General, Organic and Biological Chemistry*, ISBN-13: 9780470228449

Special Notes:

- 1) Make sure the Raymond book has the wileyplus code to access the online materials (in used books the code may have expired).
- 2) The code and an electronic copy of the textbook can also be purchase online at the beginning of the semester from the publisher (www.wiley.com).

CHEM1105 Intro Chemistry I Lab

Instructor: All

Required text: *Introductory Chemistry I Lab Manual*

Special Notes: Only available at the UT Tyler bookstore

CHEM1311 General Chemistry I

Instructor: All

Required text: Brown, et al. *Chemistry: The Central Science 11/E* (with *Mastering General Chemistry* on-line supplement and ebook), ISBN-13: 9780135031483 (See Special Notes).

Recommended texts:

Solutions to Red Exercises, ISBN-13: 9780136002871

Student's Guide, ISBN-13: 9780136002642

Special Notes:

- 1) The textbook and Mastering Chemistry online supplement may be purchased separately:
 - a) Brown, et al. *Chemistry: The Central Science, 11/E* (**no Mastering Chemistry and no ebook**) ISBN-13: 9780136006176
 - b) *Mastering General Chemistry* online supplement (**no textbook and no ebook**) ISBN-13: 9780321582126
- 2) Mastering Chemistry access code is good for 24 months.

CHEM1111 General Chemistry I Lab

Instructor: All

Required text: *General Chemistry I Lab Manual*

Special Notes: Only available at the UT Tyler bookstore

CHEM3310 Analytical Chemistry

Instructor: Shtoyko

Required text: Harris, *Quantitative Chemical Analysis 7/E*, ISBN-13: 9780716770411

Recommended text: None

CHEM3111 Analytical Chemistry Lab

Instructor: Shtoyko

Required text: None (experiments will be provided as handouts in class)

Recommended text: None

CHEM3342 Organic Chemistry I

Instructor: Gray

Required texts:

- 1) *Organic Chemistry* (5th Edition) by Loudon, ISBN: 0981519431
- 2) *Solutions Guide and Solutions Manual* by Loudon, ISBN: 098151944X

Special Notes: Yes, the *Solutions Manual* is a **required** text.

CHEM3143 Organic Chemistry I Lab

Instructor: All

Required text: Lehman, *Operational Organic Chemistry* 4/E, ISBN-13: 9780136000921

Recommended text: None

CHEM3352 Physical Chemistry I

Instructor: McClaugherty

Required

- 1) Atkins, *Physical Chemistry* 8/E, ISBN-13: 9780716774334
- 2) On-line Program: Explorations in Physical Chemistry. The activation code card is included with the new textbooks. Otherwise it may be purchased on-line at www.hfreeman.com/explorations

Recommended

- 1) Student Solutions Manual to Accompany Physical Chemistry, 8th Ed. by Atkins, Trapp, Giunta, and Cady, [ISBN: 0-7167-6206-4].

CHEM3153 Physical Chemistry I Lab

Instructor: McClaugherty

Required text: Experiments in Physical Chemistry, 8th Ed. by Garland, Nibler, and Shoemaker, ISBN: 978-0-07-282842-9

Recommended text: None

CHEM4330 Advanced Inorganic Chemistry

Instructor: Smee

Required text: *Inorganic Chemistry* 3/E by Miessler and Tarr ISBN-13: 978-0130354716

Recommended text: None

Special Note: This textbook may not be adopted for future courses; resale value may be affected.

CHEM4334 Biochemistry

Instructor: Black

Required text: Nelson, *Lehninger Principles of Biochemistry* 4/E, ISBN-13: 9780716743392

Recommended text: *Lehninger Principles of Biochemistry Absolute Ultimate Guide* (4th Ed.), ISBN-10: 0716759551 or ISBN-13: 978-0716759553none

CHEM4135 Biochemistry Lab

Instructor: Black

Required text: None

Recommended text: none

PHYSICS

PHYS2325 University Physics I

Instructor: Back

Required text: Serway, *Physics for Scientists and Engineers*, Volume 1, 7/E, ISBN-10: 0495112437 or ISBN-13: 9780495112433

Recommended text: *Student Solutions Manual/Study Guide*, Vol. 1, ISBN-13: 9780495113317

Special Notes:

- 1) You may purchase a single textbook containing both Volumes 1 and 2. (It can be used in the second semester of University Physics.) ISBN-10: 0495112453 or ISBN-13: 9780495112457
- 2) The solutions manual for volumes 1 and 2 must be purchased separately.

PHYS2125 University Physics I Lab

Instructor: All

Required text: PHYSICS I LAB MANUAL (only available at the UT Tyler Bookstore)

Recommended text: None

PHYS2326 University Physics II

Instructor: Pearce

Required text: Serway, *Physics for Scientists and Engineers*, 7/E, Volume 2, ISBN-10: 0495112445 | ISBN-13: 9780495112440

Recommended text: *Student Solutions Manual and Study Guide*, Vol. 2, ISBN-13: 9780534408565

PHYS2126 University Physics II Lab

Instructor: All

Required text: PHYSICS II LAB MANUAL (only available at the UT Tyler Bookstore)

Recommended text: None

PHYS3101 Contemporary Physics

Instructor: Back

Required text: None

Recommended text: None

PHYS3310 Computational Physics

Instructor: Pearce

Required text: *Computer Simulation Methods: Applications to Physical Systems*, 3rd ed. by Gould, Tobochnik and Christian (ISBN-10: 0805377581 or ISBN-13: 978-0805377583)

Recommended text: None

GEOLOGY

GEOL3310 Physical Geology & Astronomy

Instructor: Lauman, O'Dell

Required text: *Earth Science* 12/E by Tarbuck and Lutgens: ISBN-13: 9780136020073

Recommended text: None

Special Notes: Textbook will also be used in GEOL3314 in Spring 2010.