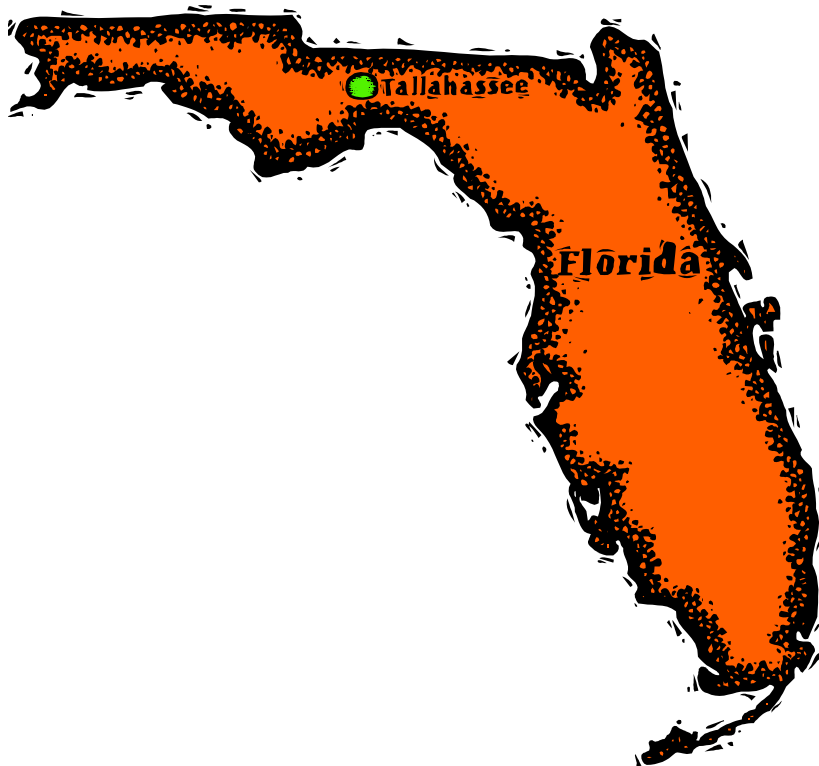


AP* & Electives Florida Science

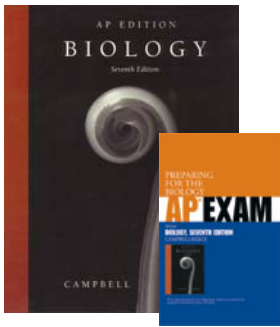


Prentice Hall



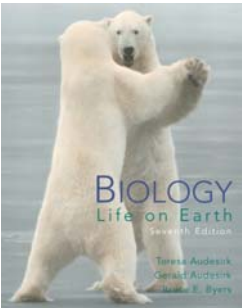
TEACH • INSPIRE • CONNECT

Biology



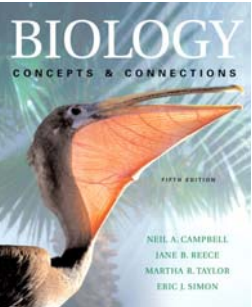
Biology 7th Ed AP* Edition – Campbell, Reece (Course 2000340)

- #1 choice for AP* Biology courses
- New AP* Edition includes correlations, thematic study grid & success tips for students
- Chapters have been restructured to focus on 5 or 6 big ideas
- Scientific Inquiry questions encourage students to participate in the investigative process
- Awesome 7-CD set Media Manager helps teachers prepare exciting lectures
- AP* Test Prep workbook created specifically to work with *Biology 7th Ed*



Biology: Life on Earth 7th Ed – Audesirk (Course 2000330)

- For an Honors or Biology 2 course
- Case studies and Case Studies Revisited provides an innovative framework for students to learn and make connections between biological concepts and processes and everyday events.
- Vibrant colors are used to distinguish individual parts of a figure to help engage the readers' interest, and to focus attention on the most important aspects of the illustration



Biology: Concepts & Connections 5th Ed – Campbell, et al. (Course 2000330, 2000340)

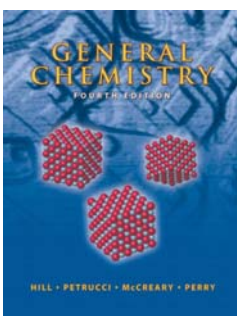
- For an Honors or Biology 2 course
- Concept modules organize content by major topics helping students focus on the main ideas
- Teachers can easily select content
- Connection modules cover hot issues and connect the science to students' lives
- Chapter-opening essays focus on topics of human interest showing students how biology affects their lives and the world around them

Chemistry



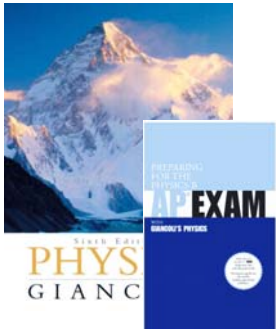
Chemistry: The Central Science 10th Ed, AP* Edition – Brown, LeMay, Bursten (Course 2003370)

- The fastest growing text for AP* Chemistry courses
- New AP* Edition provides additional information for AP* teachers and students
- Virtual ChemLab
 - CD packaged with every text provides a simulated laboratory setting and eLaboratory exercises
 - Accompanying workbook is on the web site
- Consistent structure and guidelines throughout chapters help enhance comprehension
- Multi-focus graphics present a key process in multiple ways and perspectives
- AP* Test Prep workbook created specifically to work with *Chemistry 10th Ed.* (Available January 2005)



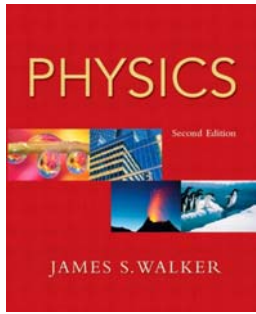
General Chemistry – Hill, Petrucci (Course 2003360)

- For AP* Chemistry courses
- Clear, supportive explanations of how to solve quantitative, conceptual, and estimation problems
- Micro- and macro-molecular art pieces illustrate concepts on an atomic/molecular level and help students visualize chemistry



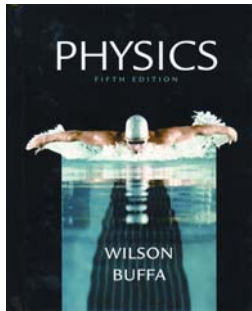
Physics: Principles with Applications 6th Ed – Giancoli (Course 2003420)

- For algebra-based AP* Physics courses
- Strong biological applications
- Engaging writing style
- Conceptual Examples develop students' reasoning skills
- Photo-realistic and 3-D art enhances the visual appeal of the text
- Physics Applied side notes highlight in-text applications to such areas as medicine, physiology, sports, and technology
- AP* Test Prep workbook specifically for *Physics 6th Edition*



Physics 2nd Ed – Walker (Course 2003420)

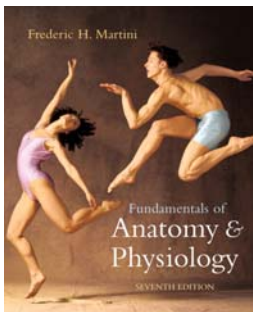
- For algebra-based AP* Physics courses
- Exceptionally strong pedagogy supports learning with 4 tools:
 - Worked Examples in two column format
 - Active Examples break down a problem into manageable steps
 - Conceptual Checkpoints test students' ability to make inferences
 - Exercises of various types combine qualitative and quantitative parts
- Icons indicate Real-World Physics discussions that help make the course material relevant



Physics 5th Ed – Wilson, Buffa, Lou (Course 2003390, 2003420)

- The most accessible college-prep algebra-based text for an honors or AP& Physics course
- Emphasizes conceptual understanding with relevant applications and examples
- Examples and exercises combine physical reasoning and mathematical calculation
- Only advanced level physics textbook with an Annotated Instructor's Edition

Anatomy & Physiology



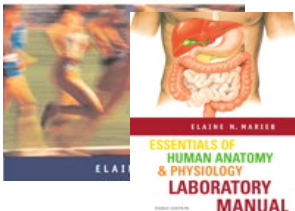
Fundamentals of Anatomy & Physiology 7th Ed – Martini (Course 2000360)

- Designed for a full-year, rigorous course
- Award-winning art & photo program
- 3-level learning system includes factual questions, conceptual problems, and analytical exercises
- Package includes:
 - Student Edition
 - Martini's Atlas of the Human Body
 - Applications Manual
 - Anatomy 360° CD
 - InterActive Physiology CD



Essentials of Human Anatomy & Physiology 8th Ed – Marieb (Course 2000350)

- For one-semester course or full-year course for students of different ability levels
- Clear, friendly writing style
- Just the right balance of anatomy, physiology and clinical coverage
- New active learning features help students visualize and understand structure and function
- Lab manual developed specifically for this course and this book



Conceptual Physical Science



Conceptual Physical Science: Exploration – Hewitt (Course 2003320)

- For high school course in physical science
- Balanced coverage of physics, chemistry, and earth science
- Student-friendly language, hands-on experiments, real-world applications, and engaging illustrations appeals to students
- Clearly teaches difficult concepts
- Robust password-protected website offers exercises, tutorials, flashcards, a video index, and more

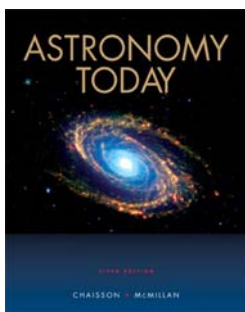
AP* Environmental Science



Environmental Science: Toward a Sustainable Future 9th Ed – Wright (Course 2001380)

- For AP* Environmental Science courses
- Focuses on importance of understanding science in order to make good decisions about the environment
- Six themes are consistently reinforced throughout the text and build students' critical thinking skills
- The Web site for AP* covers all topics in the AP* Environmental Science curriculum and provides online study questions with immediate feedback
- Animated simulations are provided on a Global City CD packaged with each text

Astronomy



Astronomy Today 5th Ed – Chaisson (Course 2001350)

- For an elective course in 11th or 12th grade
- Definitive resource for introductory astronomy
- “Earth-Out” progression covers the solar system, then the Sun, followed by stars and galaxies
- Descriptive, conceptual approach with optional, accessible quantitative material
- Compound art with multiple-part figures helps to convey more information, and acetate overlays demonstrate how H-R diagrams help organize information about the stars and track their evolutionary histories

Earth Science



Earth Science 10th Ed – Tarbuck (Course 2001320)

- For an honors 11th or 12th grade Earth Science elective
- User-friendly overview of our physical environment with balanced coverage of geology, oceanography, astronomy, and meteorology
- Thematic approach introduces 3 themes that recur throughout the text
 - Earth as a System
 - People and the environment
 - The nature of scientific inquiry
- Geode III Earth Science CD covers all major areas of Earth Science with animations, video clips, and interactive activities

Biology 7th Ed (Course 2000340)
Campbell / Reece
AP* SE 0-8053-6777-2 (HS Binding)
AP* SE + AP Test Prep 0-13-194328-6
AP* Test Prep 0-8053-7187-7

**Biology: Concepts & Connections
5th Ed (Course 2000330, 2000340)**
Campbell, et al.
SE 0-13-193480-5 (HS Binding)

**Biology: Life on Earth 7th Ed
(Course 2000330)**
Audesirk et al.
SE 0-13-192010-3 (HS Binding)

**Chemistry: The Central Science 10th Ed
(Course 2003370)**
Brown, LeMay, Bursten
AP* SE 0-13-193719-7 (HS Binding)
AP* SE + AP Test Prep 0-13-194570-X
AIE 0-13-146489-2
AP* Test Prep workbook 0-13-236721-1

**General Chemistry: An Integrated Approach
4th Ed (Course 2003360)**
Hill, Petrucci, et al.
SE 0-13-192015-4 (HS Binding)
AIE 0-13-140313-3

**Physics: Principles with Applications 6th Ed
(Course 2003420)**
Giancoli
SE 0-13-184661-2 (HS Binding)
SE + AP Test Prep 0-13-114286-0

Physics 2nd Ed (Course 2003420)
Walker
SE 0-13-119494-1 (HS Binding)

Physics 5th Ed (Course 2003390, 2003420)
Wilson, Buffa, Lou
SE 0-13-048459-8 (HS Binding)
AIE 0-13-047193-3

**Fundamentals of Anatomy & Physiology
7th Ed (Course 2000360)**
Martini
SE 0-13-197210-3 (HS Binding)

**Essentials of Human Anatomy & Physiology
8th Ed (Course 2000350)**
Marieb
SE 0-13-193481-3 (HS Binding)
Lab Manual 0-8053-7340-3

**Conceptual Physical Science:
Explorations (Course 2003320)**
Hewitt
SE 0-321-10663-6 (HS Binding)
SE + Lab Manual 0-321-12648-3
SE + Practice Book 0-321-12649-1
TE 0-321-05187-4

**Environmental Science: Toward a
Sustainable Future 9th Ed (Course 2001380)**
Wright
SE 0-13-192021-9 (HS Binding)
AIE 0-13-147541-X

Astronomy Today 5th Ed (Course 2001350)
Chaisson
SE 0-13-192492-3 (HS Binding)

Earth Science 10th Ed (Course 2001320)
Tarbuck
SE 0-13-048456-3 (HS Binding)