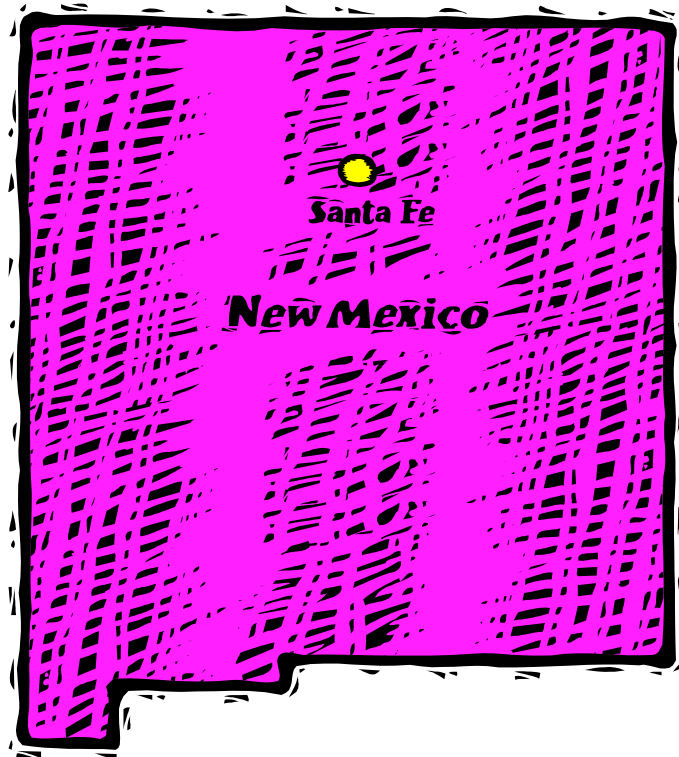


AP* & Electives New Mexico Science

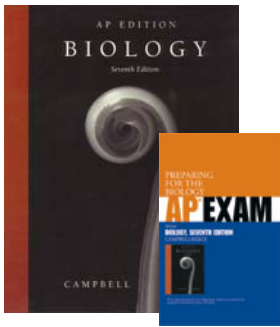


Prentice Hall



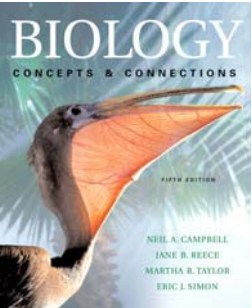
TEACH • INSPIRE • CONNECT

Biology



Biology 7th Ed AP* Edition – Campbell, Reece

- #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: Concepts & Connections 5th Ed – Campbell, et al.

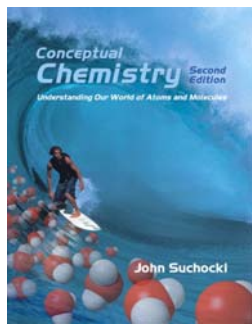
- For an Honors or Biology 2 course
- Concept modules organize content by major topics helping students focus on the main ideas
- Teachers can easily select content
- Connection modules cover hot issues and connect the science to students' lives
- Chapter-opening essays focus on topics of human interest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

Chemistry



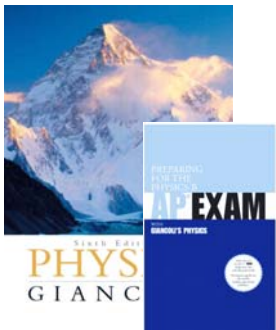
Chemistry: The Central Science 10th Ed, AP* Edition – Brown, LeMay, Bursten

- 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)



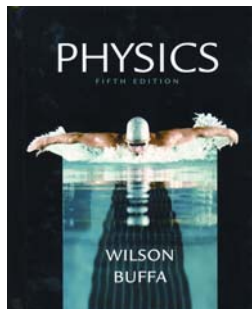
Conceptual Chemistry: Understanding Our World of Atoms and Molecules 2nd Ed. – Suchocki

- Alternative college-prep chemistry text
- Hands-on chemistry activities allow students to apply chemistry concepts outside a formal laboratory setting
- Concept Checks check students' comprehension as they read the chapter



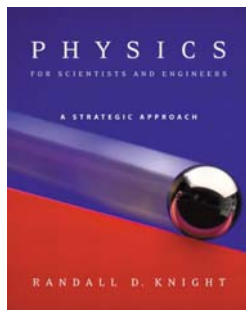
Physics: Principles with Applications 6th Ed – Giancoli

- 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 5th Ed – Wilson, Buffa, Lou

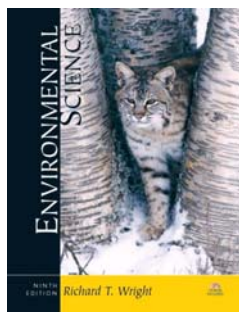
- The most accessible college-prep algebra-based text for an honors or AP& Physics course
- Emphasizes conceptual understanding with relevant applications and examples
- Examples and exercises combine physical reasoning and mathematical calculation
- Only advanced level physics textbook with an Annotated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



Physics for Scientists and Engineers : A Strategic Approach – Knight

- For Calculus-based AP* Physics courses
- Combines rigorous quantitative coverage with a descriptive, inductive approach that leads to a deeper student understanding of the core concepts
- The program includes tried-and-tested Exercises, Problems, and more rigorous Challenge Problems
- Popular Caution Paragraphs focus on typical misconceptions and student problem areas
- The textbook is packaged with Mastering Physics™, an online student tutorial and assignable homework program that helps students develop problem-solving skills and lets instructors know where their students are having trouble. Teachers must set up the course before students can use the system. Access cards must be purchased for each student each year.

AP* Environmental Science



Environmental Science: Toward a Sustainable Future 9th Ed – Wright

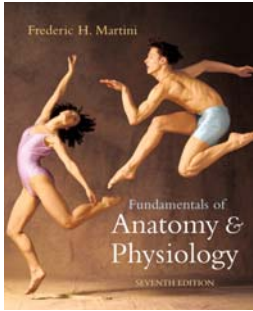
- For AP* Environmental Science courses
- Focuses on importance of understanding science in order to make good decisions about the environment
- Six themes are consistently reinforced throughout the text and build students' critical thinking skills
- The Web site for AP* covers all topics in the AP*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



Conceptual Physical Science: **Exploration** – Hewitt

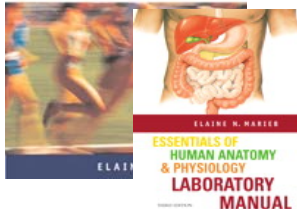
- For high school course in physical science
- Balanced coverage of physics, chemistry, and earth science
- Student-friendly language, hands-on experiments, real-world applications, and engaging illustrations appeals to students
- Clearly teaches difficult concepts
- Robust password-protected website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

Anatomy & Physiology



Fundamentals of Anatomy & Physiology 7th Ed – Martini

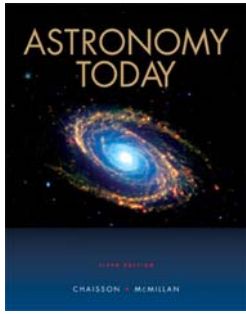
- Designed for a full-year, rigorous course
- Award-winning art & photo program
- 3-level learning system includes factual questions, conceptual problems, and analytical exercises
- Package includes:
 - Student Edition
 - Martini's Atlas of the Human Body
 - Applications Manual
 - Anatomy 360° CD
 -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



Essentials of Human Anatomy & Physiology 8th Ed – Marieb

- 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

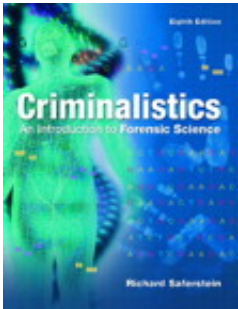
Astronomy



Astronomy Today 5th Ed – Chaisson

- 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

Forensics



Criminalistics 8th Ed – Saferstein

- For an elective course in Forensic Science
- Author is renowned authority on forensic science
- Actual cases enable students to see the role of forensic science in criminal investigations
- Minimum of scientific terminology
- Updated techniques, practices, and procedures; DNA profiling technologies and implications of DNA profiling
- Lab manual developed specifically for this course and this book

Engineering



Engineering: Our Digital Future – Orsak

- Appropriate for students who have completed Algebra 2 and one science lab
- The Infinity Project Curriculum helps students learn first-hand how math and science can be used to create and design cell phones, digital video, electronic music, and much more
- Students explore fundamental math and science concepts in a fun, challenging, and hands-on way
- Created by a world-class team of university faculty, high school teachers, and industry professionals
- Designed to bring relevance, challenge, and excitement to student of all ability levels
- Infinity Project Technology Kit must be purchased separately in order to use the system. For more information and pricing on the Technology Kit, please visit the website www.prenhall.com/orsak

Biology 7th Ed

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**

Campbell, et al.

SE 0-13-193480-5 (HS Binding)

Chemistry: The Central Science 10th Ed

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

Conceptual Chemistry:

Suchocki et al.

SE 0-321-23644-0 (HS Binding)

Lab Manual 0-8053-3238-3

Physics: Principles with Applications 6th Ed

Giancoli

SE 0-13-184661-2 (HS Binding)

SE + AP Test Prep 0-13-114286-0

Physics 5th Ed

Wilson, Buffa, Lou

SE 0-13-048459-8 (HS Binding)

AIE 0-13-047193-3

Physics for Scientists and**Engineers**

Knight

SE 0-8053-8685-8 w/ Mastering

Physics

Environmental Science: Toward a Sustainable Future 9th Ed

Wright

SE 0-13-192021-9 (HS Binding)

AIE 0-13-147541-X

Conceptual Physical Science: Explorations

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

Fundamentals of Anatomy & Physiology 7th Ed

Martini

SE 0-13-197210-3 (HS Binding)

Essentials of Human Anatomy & Physiology 8th Ed

Marieb

SE 0-13-193481-3 (HS Binding)

Lab Manual 0-8053-7340-3

Astronomy Today 5th Ed

Chaisson

SE 0-13-192492-3 (HS Binding)

Criminalistics 8th Ed

Saferstein

SE 0-13-113706-9 (HS Binding)

Engineering Our Digital Future

Orsak

SE 0-13-184828-3 (HS Binding)

Lab Manual 0-13-035554-2