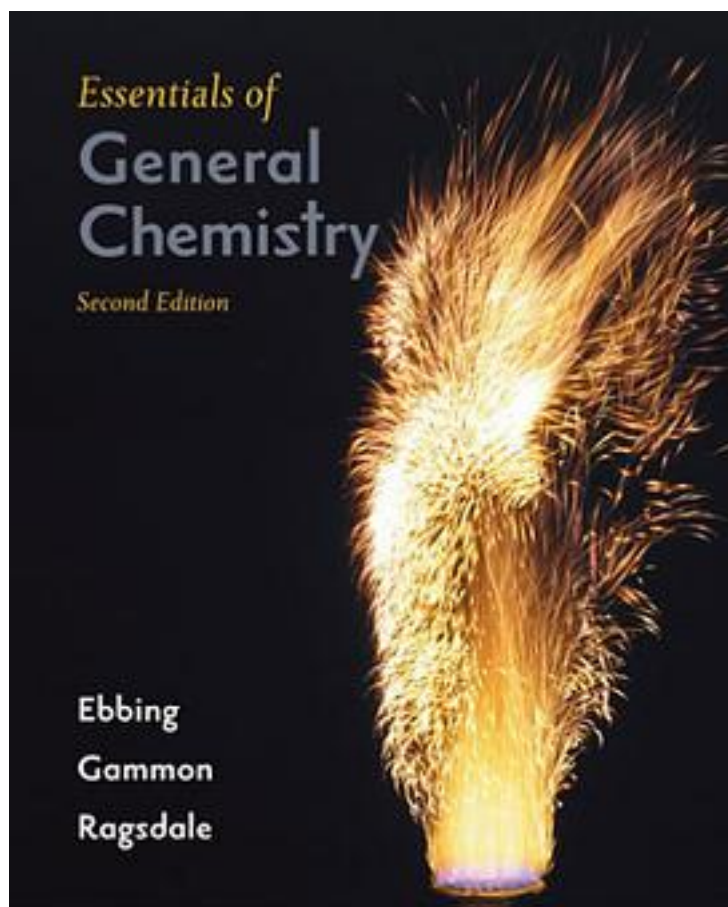


# Essentials of General Chemistry



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"Essentials of General Chemistry" is the ideal choice for instructors who want a shorter, less expensive core text that still supports a typical one- or two-semester general chemistry course. The text covers the same topical scope as Ebbing/Gammon, "General Chemistry," and retains all of its hallmark qualities, including its focus on

quantitative problem solving, conceptual understanding, and visualization skills. The new technology program reinforces the approach of the text and provides a complete solution for teaching and learning. The Second Edition retains the hallmark pedagogical features of the text and builds upon its conceptual focus. In addition, figures and interactive animations in the updated art program help students connect molecular-level activity to macro-scale phenomena. The new technology program offers access to tutoring, assessment, and presentation tools through the comprehensive Eduspace Course Management tool--instructors can also choose selected resources for use separately via CD or the Web. Conceptual understanding is further emphasized throughout the Second Edition and its technology program with a separate section of new "Conceptual Problems" appearing in the printed and computerized Test Bank. "Answer Checks" follow selected Examples throughout the chapters in the text. They appear after the Solution and are designed to help students evaluate their answer to ensure that it is reasonable. Figures, drawings, and photos in the art program help students connect molecular-level activity to macro-scale phenomena. Animations in the student and instructor technology supplements also enhance students' ability to visualize molecular behavior. Based on instructor feedback, 60-70 percent of the material from Chapter 13, "Materials of Technology" and from Chapter 23, "The Transition Elements and Coordination Compounds" has been divided into two new chapters: Chapter 21, "Chemistry of the Metals" and Chapter 22, "Chemistry of the Nonmetals." A suite of integrated technology tools for students and instructors includes materials (except restricted testing items) that are web accessible, with passwords included in the media guides. In addition, to meet instructor needs, the "Media Integration Guide for Instructors" includes CDs containing all teaching resources. To ensure that students devote more time to their study of chemistry, key elements of the technology are assignable. In the classroom, instructors can gauge student progress through a Classroom Response System. Online homework within Eduspace--using either end-of-chapter questions or practice exercises based on in-text examples--can be tracked and graded. Even new animations--now with skill-building exercises--can be assigned. To support you and your students as you use our technology, we offer implementation services from our TeamUP support staff, as well as media integration guides for both students and instructors, along with textbook web sites. Eduspace (powered by Blackboard) includes problems that cover all key concepts in the text. Through the Eduspace program, instructors can create their own assignments and post them for students to complete at a designated time. The problems in Eduspace include algorithmic end-of-chapter questions, exercises based on the in-text examples, and Test Bank questions to ensure consistency of level and coverage. Questions can be graded and entered into the online gradebook automatically. Eduspace also includes additional course management and interactive communication tools. WebCT and Blackboard course cartridges include all the material on both the student and instructor web sites, as well as the HM Testing Test Bank.

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