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The ninth edition of *Fundamentals of Analytical Chemistry* is an introductory textbook designed primarily for a one- or two-semester course for chemistry majors. Since the publication of the eighth edition, the scope of analytical chemistry has broadened in scope, and therefore, have included in this edition such developments as biological analytical, quantitative spectroscopy, forensic, and environmental related fields. As in the previous edition, we have incorporated a number of new topics and examples, and exercises. We have revised some older chapters to incorporate contemporary analytical methods and techniques. In response to the comments of many teachers and reviewers, we have added a compact on data reduction to provide detailed instruction on this vital topic as early as possible in the chemistry curriculum. The companion book, *Applications of Microsoft Excel in Analytical Chemistry*, 2nd ed., provides students with a tutorial guide for using spreadsheets in analytical chemistry and introduces many additional spreadsheet operations.

We designed this course in each high chemistry year from the first lecture to assessment and depend on the available facilities and distribution for the time allocated to analytical chemistry in the chemistry curriculum, and the topics as the four chapters of expertise. We have, therefore, designed the ninth edition of *Fundamentals of Analytical Chemistry* so that novices can explore the text to make their needs and students can learn the concepts of analytical chemistry on several levels in their education process. While offering a increasing and better features, and in using with learning.

Since the production of the eighth edition of this text, the digital and regional facilities for planning and printing a new edition have fallen in favor of HTML and CD-ROM. While making the many changes and improvements that have and in the remainder of the project, we have maintained the text's professional and organization of this high-profile volume and endeavored to preserve the same high standards that characterized these ages.

OBJECTIVES

The primary objective of this text is to provide a thorough background in analytical chemistry that will enable students to apply analytical chemistry to their own research and to the