

PLANNING

TO PREPARE FOR A course we try to follow the planning schedule presented in Table 3. In the three-credit (42-h) course all 10 chapters can be adequately covered with time for guest speakers, case studies, and discussion of current problems of interest to the CPI. A flexible inclass schedule is shown in Table 4.

TABLE 4
Class schedule

CHAP.	HOURS	CHAP.	HOURS	CHAP.	HOURS
1	1-2	5	1-2	9	2-4
2	5-7	6	1-2	10	2-4
3	1-3	7	1-2	Guest speakers	3-5
4	2-4	8	4-6	Case studies	3-5

CONCLUSIONS

The course has been well received by our students at the graduate and senior level. For the last four years we have limited enrollment to thirty students and the class is always oversubscribed, in excess of forty-five students have tried to register each year. A short form of the course has also been given as part of the AIChE today series and to date has been taught in Houston twice, once in New York and once in Philadelphia.

ChE books received

"An Introduction to Industrial Organic Chemistry," 2nd edition, Peter Wiseman, Applied Science Publishers Ltd., London, 1979, 366 pages (paperback) \$16.80.

The organic chemical industry is subject to a high rate of technological change. This second edition text attempts to update the presentation on how organic chemistry is applied in society.

"How to Succeed in Organic Chemistry," J. E. Gordon. John Wiley & Sons, New York, 1979, 594 pages (paperback) \$8.95.

This is a Wiley Self-Teaching Guide designed as a supplement to an organic chemistry text or as a guide for self-instructional study or review. This practical book in 21 units presents a streamlined step-by-step method for learning organic chemistry.

"What Every Engineer Should Know About Product Liability," J. F. Thorpe and W. H. Middendorf. Marcel Dekker, Inc., New York, 1979, 104 pages, \$9.75.

The growth of technology has led to an increasing interaction between engineering and society's expectation of the new products. This book shows how the process of designing safer products is a natural extension of traditional engineering aptitudes and procedures.

"Industrial Hazard and Safety Handbook," R. W. King and John Magid. Newnes-Butterworth, 10 Tower Office Park, Woburn, MA 01801, 1979. 793 pages, \$67.50.

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OKLAHOMA STATE UNIVERSITY

Assistant or Associate Professor Position

This is a tenure-track position and will be approximately half-time teaching and half-time research. We will help the successful candidate establish research by providing initiation funds, co-investigation opportunities with senior faculty, and proposal preparation-processing assistance from our Office of Engineering Research. Candidates must possess an earned Ph.D. degree from an accredited Department or School of Chemical Engineering. We welcome applications from candidates with competencies and interests in any field of chemical engineering, but especially seek those with strengths in material sciences. The position is available as early as January, 1980. Salary and rank are commensurate with qualifications and experience. If you are interested in joining an established School of Chemical Engineering (in the pleasant Southwest) that offers exciting professional growth opportunities, please send your resume and list of three references to: Professor Billy L. Crynes, Head, School of Chemical Engineering, 423 Engineering North, Oklahoma State University, Stillwater, Oklahoma 74074. 405-624-5280. (Calls for additional information invited). OSU is an equal opportunity/affirmative action employer.

This book is an attempt to identify and warn of the main hazards found in industry and to provide appropriate references for further study. It was written for safety specialists, representatives and students, for managers and engineers in industry as well as insurers and lawyers whose work is concerned with industrial accidents and their consequences.

"Introduction to Macromolecular Chemistry," 2nd ed., Hans Batzer and Friedrich Lohse. John Wiley & Sons, New York, 1979, 297 pages, \$34.50.

The chemistry of macromolecular compounds is presented under the topics of synthesis and isolation; characterization and identification; and physical properties and technical processing of macromolecular substances. It will be a valuable aid to students who wish to become acquainted with the problems in this field.

"Structure of Crystalline Polymers," Hiroyuk Tadokoro. John Wiley & Sons, New York, 1979. 465 pages, \$35.00.

Understanding the properties that distinguish one polymer from another requires knowledge of structure at the molecular level. X-ray crystallography and vibrational spectroscopy are the richest sources of structural data on macromolecular substances. This book gives a basis for understanding the current literature on polymer structure as it is revealed by x-ray analysis, infrared and Raman spectroscopy, and energy calculation. It is recommended both for students and research workers in this area.