

CONTENT

	Page
PART 1 THE TOOL FOR NEW CAREERS	
1. The Computer Solution : End-Users and the Information Age	1
2. Overview of Business Information Systems and Computer Systems : How the Two Can Work Together	22
PART 2 THE USES OF SOFTWARE	
3. Personal Software You Can Use : Word Processing, Spreadsheets, Data Base, Graphics, Communications, Integrated, and Other Packages	58
4. Applications, Software Development Making the Computer Work For You	105
5. Programming Languages : The Different Ways of Communicating with the Computer	134
PART 3 THE USES OF HARDWARE AND TECHNOLOGY	
6. Input and Output : Problems In, Solutions Out	172
7. Processors and Operating Systems : Report from Behind the Scenes	217
8. Storage and File Organization : Facts at Your Fingertips	253
9. Data Base Management Systems : Facts Every Which Way	285
10. Networks and Data Communications : Bringing Us Together	319
PART 4 COMPUTER-BASED INFORMATION SYSTEMS	
11. Systems Analysis : Putting Things in Order	352
12. Systems Design and Implementation: The New Look	393
13. Transaction Processing Information Systems : Keeping Track of Details	410
14. Management Information Systems and Decision Support Systems : Making Information Useful to managers	433
15. Artificial Intelligence and Expert Systems : Wisdom in a Machine	468
PART 5 THE REWARDS AND RISKS OF THE INFORMATION AGE	
16. Managing Information Resources : More Integration, More Ease, More Power	500
17. Privacy, Security, and Ethics : Keeping Information Safe	523
18. The Future : Information – The Main Resource	544