CIT - Computer Concepts ~
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CIT - Computer Concepts

Brief Computer Concepts

International Edition

COMPUTING ESSENTIALS 2008 INTRODUCTORY EDITION

Nineteenth Edition

By Timothy J. O’Leary; Arizona State University, Linda I. O’Leary; Independent

2008 (February 2007) / Softcover / 416 pages

Browse http://www.mhhe.com/ce2008

The O’Leary Series is one of the most trusted and effective resources for teaching and learning software applications and computer concepts. Computing Essentials 2008 is written by Tim O’Leary who teaches the course every year ensuring accurate up-to-date content for students, combining current topics and technology into a highly illustrated design geared to catch students’ interest and motivate them. Students are given a streamlined, concise, attractive approach to the fundamental issues surrounding the personal computing environment.

NEW TO THIS EDITION

• Careers in IT – Each chapter includes a job description for a different career in Information Technology. These descriptions provide students with education requirements, as well as salary ranges.
• End of chapter material – The end of chapter material has been revised and redefined, making it easy for instructors and students to exercise different skill sets.
• Applying Technology: Making correlations between chapter material and real life.
• Expanding Your Knowledge: Citing sources other than the textbook to learn more about a specific topic, which encourages students to dig deeper to obtain a more technical understanding.
• Writing about Technology: Sharpening critical thinking, analysis, and writing skills by responding to technology-related issues such as privacy, security and ethics.
• New Application-Based Material – Updates updated coverage of new Windows and Mac operating systems, expanded coverage of e-commerce and new material in the following thought-provoking sections: Look to the Future. Making IT Work for You. On the Web Explorations.
• Online Learning Center (OLC) is a website that follows the text chapter-by-chapter. OLC content is ancillary and supplementary to the textbook, as students read the book, they can go online to take self-grading quizzes, review material, or work through interactive exercises. OLCs can be delivered multiple ways – professors and students can access them directly through the text offers several features for motivating and helping unmotivated students:
• RELEVANT RESEARCH MOTIVATION: Marginal notes embedded in each chapter ask students to research a topic in the chapter on the internet. Students also are offered advice regarding common technology-related problems through Tips boxes. Visualy Appealing Chapter Openers and Closers: Summaries for each chapter make it easy for students to review important concepts.
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International Edition

USING INFORMATION TECHNOLOGY

Seventh Edition

By Brian Williams, Deakin University, and Stacey Sawyer

2007 (March 2006) / Softcover / 512 pages

Browse http://www.mhhe.com/ait7e

Using Information Technology, 7e covers the fundamental computing concepts that are part of the digital age, including software, hardware, data, people, and procedures along with expanded coverage on Security and ethics. The text centers on educating today’s technology consumer, using themes of ethics, the Internet, and communications to demonstrate how the changing world of technology influences our lives and the decisions we make.

NEW TO THIS EDITION

• Emphasis on CUTTING-EDGE CURRENCY: Users and reviewers have applauded the fifth edition for being more up to date than other texts. The Complete Version, for example, ends many chapters with a forward-looking section that offers a preview of technologies to come.
• New material on cyborgs, E-911, 3G wireless, Intel P4 chip, touch-screen voting, WiFi, etc.
• “Click-along” feature carries currency to a new level by offering updates to material throughout the life of the book.

FEATURES

• Expanded coverage of Security: New Security icon in the margins indicates discussions of computer and communications security.
• Expanded coverage of Ethics: Ethics icon in the margins highlight important ethical matters throughout the book.
• More Info! These internet related margin items ask students questions about content in the current section of the text book that suggest where students can go on the internet to find answers. These items teach students search skills and provide more information about specific topics. Web Excercises at the end of the chapter extend this activity.
• Why It’s Important end of chapter summaries provide not only definitions of all the key terms, but also a concise explanation of why each term is important and relevant for the student.
• New and different Internet Exercises: Additional Stage 3 learning activities have been created as interesting Internet activities.
• Emphasis on PRACTICALITY: Practical advice, of the sort found in newspaper technology sections, is expressed in the following ways:
• In-Text: Early discussion of Internet in Chap. 2, explanation of PC ad in hardware chapters, and discussion of “e-concepts” throughout
• End-of-chapter Experience Boxes: Example: “Should You Upgrade to Windows XP or Mac OS X?”
• In-chapter Practical Action boxes: Example: “Tips for Managing Your E-Mail”
• New to this edition: Survival Tips in page margins: Example: “When Your PC Freezes Up”
• Integration of Ethics: Throughout the text, not just in a final chapter or boxes.
• Emphasis on READABILITY & LEARNING REINFORCEMENT: The text offers several features for motivating and helping unmotivated students:
• Interesting (i.e., people-oriented) writing
• Student Guide preceding Chap. 1 with tips on how to succeed with the text and the course:
• Material in bite-size portions
• Key terms AND definitions all in boldface
• Key questions (instead of learning objectives) to help students read and extend this activity.
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• New “At Issue” Features: All new articles written by Business Week IT columnists, spotlighting trends in information technology. These new articles will offer compelling looks at how technology is used in to help people do their work or make their lives better.
• New “Computer Career” Articles: Interviews with real IT professionals will put a human face to the many exciting career IT career opportunities available.
• Unit and Section Review Activities: Each Section will include a key term list, key term quiz, multiple choice questions, essay questions, and lab projects. Each Unit will include additional lab projects, discussion questions, research report, and ethical issue questions.

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International Edition
Peter Norton's Computing Fundamentals
Sixth Edition
by Peter Norton
2006 / Softcover / 512 pages
Peter Norton is an acclaimed computer software entrepreneur who is active in civic and philanthropic affairs. He serves on the boards of several scholastic and cultural institutions and currently devotes much of his time to philanthropy. Mr. Norton made his mark in the computer industry as a programmer and businessman. Norton Utilities™, Norton AntiVirus™, and other utility programs are installed on millions of computer worldwide. He is also the best selling author of computer books. Mr. Norton sold his PC-software business to Symantec Corporation in 1990 but continues to write and speak on computers, helping millions of people better understand information technology.

New to this Edition
• Revised and Updated: Completely revised and updated to cover new technologies and adapt to our quickly changing world.
• Improved Design: Improved four-color designed sporting a cleaner, more open look with vivid photographs and illustrations.
• Sensible organization: Each book consists of units, each divided into 2 sections that enable instructors to more flexibly adapt the book to their course and visa versa.
• New “At Issue” Features: All new articles written by Business Week IT columnists, spotlighting trends in information technology. These new articles will offer compelling looks at how technology is used in to help people do their work or make their lives better.
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International Edition
Computers, Communications, and Information Core with PowerWeb and Interactive Companion 3.0
Seventh Edition
by Sarah Hutchinson-Clifford and Brian Sawyer
2000 / 384 pages
http://www.mhhe.com/citconcepts/cci7e/main.mhtml

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COmPUTING ESSENTIALS 2008, COMPLETE EDITION

Nineteenth Edition
by Timothy J. O’Leary; Arizona State University-Tempe, and Linda I. O’Leary; Independent

Browse http://www.mhhe.com/ce2008

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FEATURES
• Strong Concept Reinforcement: Concept Checks, Crossword Puzzles, Multiple-Choice, and Matching Exercises offer students the chance to become concept experts.
• Relevant Research Motivation: Marginal notes embedded in each chapter ask students to research a topic in the chapter on the internet. Students also are offered advice regarding common technology-related problems through Tips boxes.
• Visually Appealing Chapter Openers and Closers: Summaries for each chapter make it easy for students to review important concepts.

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COMPUTING ESSENTIALS 2006, COMPLETE EDITION
Seventeenth Edition
by Timothy J O’Leary, Arizona State University - Tempe and Linda I O’Leary, Independent
2006 (January 2005) / Softcover
(with Student CD)
Computing Essentials 2005 offers a unique, visual orientation that gives students a basic understanding of computing concepts. Computing Essentials 2005 is one of the few books on the market that is written by a professor who still teaches the course every semester and loves it. While combining current topics and technology into a highly illustrated design geared to catch students’ interest and motivate them, this text provides an accurate snapshot of computing today. When bundled with software application lab manuals, students are given a complete representation of the fundamental issues surrounding the personal computing environment.

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Chapter 2 The Internet, the Web, and Electronic Commerce
Chapter 3 Basic Application Software
Chapter 4 Specialized Application Software
Chapter 5 System Software
Chapter 6 The System Unit
Chapter 7 Input and Output
Chapter 8 Secondary Storage
Chapter 9 Communications and Networks
Chapter 10 Privacy and Security
Chapter 11 Information Systems
Chapter 12 Databases
Chapter 13 Systems Analysis and Design
Chapter 14 Programming and Languages
Chapter 15 Your Future and Information Technology

Software

INTERACTIVE COMPANION CD-ROM VERSION 3.0
by McGraw-Hill
2000