
1. Principles and Learning Objectives. • The value of information is directly linked to how it helps decision makers achieve the organization’s goals. – Identify the basic types of business information systems and discuss who uses them, how they are used, and what kinds of benefits they deliver. Fundamentals of Information Systems, Seventh Edition. 3. Principles and Learning Objectives (continued). System users, business managers, and information systems professionals must work together to build a successful information system. Fundamentals of Information System Security provides a comprehensive overview of the essential concepts readers must know as they pursue careers in information systems security. The text opens with a discussion of the new risks, threats, and vulnerabilities associated with the transformation to a digital world, including a look at how business, government, and individuals operate today. Part 2 is adapted from the Official (ISC)2 SSCP Certified Body of Knowledge and presents a high-level overview of each of the seven domains within the System Security Certified Practitioner certification. The book also introduces the challenges and risks of computer crimes, hacking, and cyberterrorism. A long-running example illustrates how technology was used in the design, development, and production of this book. No matter where your career path may lead, FUNDAMENTALS OF INFORMATION SYSTEMS, 8E can help you maximize your success as an employee, a decision maker, and a business leader.

Abstract: Equipping you with a solid understanding of the core principles of IS and how it is practiced, the brief FUNDAMENTALS OF INFORMATION SYSTEMS, 8E covers the latest developments from the field and their impact on the rapidly changing role of today’s IS professional. A concise nine chapters, this streamlined book includes expansive coverage of mobile solutions, energy and environmental concerns, cloud computing, IS careers, virtual communities, global IS work solutions, and social networking. You learn firsthand how information systems can increase profits and reduce costs as you explore new information on e-commerce and enterprise systems, artificial intelligence, virtual reality, green computing, and other issues reshaping the industry. The book also introduces the challenges and risks of computer crimes, hacking, and cyberterrorism. A long-running example illustrates how technology was used in the design, development, and production of this book. No matter where your career path may lead, FUNDAMENTALS OF INFORMATION SYSTEMS, 8E can help you maximize your success as an employee, a decision maker, and a business leader.

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