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Propane Emergencies Michael S. Hildebrand 1999
The Complete Dog Book American Kennel Club 1947
Suspension Fertilizers 1970

Essentials of Fire Fighting and Fire Department Operations IFSTA 2012-12-30 This version includes all 21 chapters of Essentials of Fire Fighting, 6th Edition and adds three chapters written and validated to meet the emergency medical and hazardous materials requirements of NFPA® 1001, 2013 Edition. Chapter 22 specifically addresses the Firefighter I and Firefighter II knowledge and skills requirements for the emergency medical care competencies identified in NFPA® 1001, 2013 Edition Chapter 4. Chapters 23 and 24 meet the First Responder Awareness and Operations Levels for Responders according to NFPA® 472: Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents, 2012 Edition and OSHA 1910.120. The chapters also provide validated content to meet Section 6.6, Mission-Specific Competencies: Product Control, of NFPA® 472. The hazardous materials information is adapted from the IFSTA Hazardous Materials for First Responders, 4th Edition. Security Supervision and Management IFPO 2007-12-14 The International Foundation for Protection Officers (IFPO) has for many years provided materials to support its certification programs. The current edition of this book is being used as the core text for the Security Supervision and Management Training/Certified in Security Supervision and Management (CSSM) Program at IFPO. The CSSM was designed in 1988 to meet the needs of the security supervisor or senior protection officer. The book has enjoyed tremendous acceptance and success in the past, and the changes in this third edition, vetted by IFPO, make it still more current and relevant. Updates include 14 new chapters, 3 completely revised chapters, "Student Performance Objectives" in each chapter, and added information on related resources (both print and online). * Completion of the Security Supervision and Management Program is the initial step toward the Certified in Security Supervision and Management (CSSM) designation * Over 40 experienced security professionals contribute chapters in their area of specialty * Revised throughout, and completely updated with 14 new chapters on topics such as Leadership, Homeland Security, Strategic Planning and Management, Budget Planning, Career Planning, and much more. * Quizzes at the end of each chapter allow for self testing or enhanced classroom work

Macroscopic Piers Anthony 2003-08-01 Throughout history, man has been searching for better ways to gather information about his universe. But although they may have longed for it, not even the most brilliant minds could conceive of a device as infinitely powerful or as immeasurably precise as the Macroscopic, until the twenty-first century. This is a story of man's desperate search for a compromise between his mind and his heart, between knowledge and humanity. Transportation Security Clifford Bragdon 2011-08-19 Insecure transportation systems are costing our worldwide mobility-based economy as much as 6% of GDP annually. The effectiveness of security measures varies widely. In the United States, depending on the mode of transportation, it ranges from "medium effectiveness for airports to "low effectiveness for maritime, rail, transit, and intermodal activities. Situational awareness and interoperability are lacking as we try to deal with both natural and man-made disasters. Regardless of the transport mode, improvements are essential if governments and corporations are to address security planning, response, and national preparedness. Transportation Security examines this problem in a comprehensive manner and addresses security-based technologies and solutions to minimize risk. * Covers air, sea, roadway, rail and public transport modes * Offers technological solutions for mobility based problems in planning, logistics and policy to improve security, combat terrorism and ensure national preparedness * Includes work of international experts & global examples related to transportation security

National Disaster Housing Strategy U. s. Department of Homeland Security 2013-02-09 The National Disaster Housing Strategy (the Strategy) serves two purposes. First, it describes how we as a Nation currently provide housing to those affected by disasters. It summarizes, for the first time in a single document, the many sheltering and housing efforts we have in the United States and the broad array of organizations that are involved in managing these programs. The Strategy also outlines the key principles and policies that guide the disaster housing process. Second, and more importantly, the Strategy charts the new direction that our disaster housing efforts must take if we are to better meet the emergent needs of disaster victims and communities. Today we face a wider range of hazards and potentially catastrophic events than we have ever faced before. These include terrorist attacks and major natural disasters that could destroy large sections of the Nation's infrastructure. This new direction must address the disaster housing implications of all these risks and hazards and, at the same time, guide development of essential, baseline capabilities to overcome existing limitations. The new direction for disaster housing must leverage emerging technologies and new approaches in building design to provide an array of housing options. It must also be cost effective and draw on lessons learned and best practices. Above all, this new direction must institutionalize genuine collaboration and cooperation among the various local, State, tribal, and Federal partners, nongovernmental organizations, and the private sector to meet the needs of all disaster victims. Current practices in disaster housing vary based on the nature and scope of a disaster and can range from providing short-term shelters to arranging temporary and, in some cases, permanent housing. Establishing emergency shelters is generally a well-choreographed effort that unfolds smoothly at the local level as emergency management officials and nongovernmental organizations execute their emergency plans. The challenges increase when disaster victims are displaced from their homes for longer periods of time and temporary housing must be provided. The process of meeting individual and household needs becomes more challenging, and the responsibilities and roles of those involved must be absolutely clear. States monitor and support local government efforts and activate their capabilities as needed to augment local capabilities. The Federal Government stands alongside the States as an engaged partner, maintaining disaster housing resources and ready to deploy those resources, if required, to fill any emerging gap. While this process generally works very well, it broke down in August 2005 when Hurricane Katrina struck the coast of Louisiana and Mississippi and overwhelmed the capabilities of responders at all jurisdictional levels. And now, more than 3 years after Hurricane Katrina, we are still wrestling with many technical and policy issues related to disaster housing that Katrina brought to light. This Strategy outlines a vision, supported by specific goals, that will point the Nation in a new direction to meet the disaster housing needs of individuals and communities.

WMD Terrorism Stephen M. Maurer 2009 This collection of essays is a current and comprehensive review of what scientists and scholars know about WMD terrorism and America's options for confronting it. Complete with mathematical methods for analyzing terrorist threats and allocating defense resources, this multidisciplinary perspective addresses all forms and defenses of WMD, and the role of domestic U.S. politics in shaping defense investments and policies. Also identified are multiple instances in which the conventional wisdom is incomplete or misleading.

Creating Spiritual and Psychological Resilience Grant H. Brenner 2010-12-20 Creating Spiritual and Psychological Resilience explores the interface between spiritual and psychological care in the context of disaster recovery work, drawing upon recent disasters including but not limited to, the experiences of September 11, 2001. Each of the three sections that make up the book are structured around the cycle of disaster response and focus on the relevant phase of disaster recovery work. In each section, selected topics combining spiritual and mental health factors are examined; when possible, sections are co-written by a spiritual care provider and a mental health care provider with appropriate expertise. Existing interdisciplinary collaborations, creative partnerships, gaps in care, and needed interdisciplinary work are identified and addressed, making this book both a useful reference for theory and an invaluable hands-on resource.

Medical Countermeasures Dispensing Institute of Medicine 2011-01-16 During public health emergencies such as terrorist attacks or influenza outbreaks, the public health system's ability to save lives could depend on dispensing medical countermeasures such as antibiotics, antiviral medications, and vaccines to a large number of people in a short amount of time. The IOM's Forum on Medical and Public Health Preparedness for Catastrophic Events held a workshop on November 18, 2009, to provide an overview of current threats, recent progress made in the public health system for distributing and dispensing countermeasures, and remaining vulnerabilities.

IS-700 National Incident Management System (NIMS), an Introduction FEMA 2010-08-11 Course Overview On February 28, 2003, President Bush issued Homeland Security Presidential Directive-5. HSPD-5 directed the Secretary of Homeland Security to develop and administer a National Incident Management System (NIMS). NIMS provides a consistent nationwide template to enable all government, private-sector, and nongovernmental organizations to work together during domestic incidents. You can also find information about NIMS at <http://www.fema.gov/nims/> This course introduces NIMS and takes approximately three hours to complete. It explains the purpose, principles, key components and benefits of NIMS. The course also contains "Planning Activity" screens giving you an opportunity to complete some planning tasks during this course. The planning activity screens are printable so that you can use them after you complete the course. What will I be able to do when I finish this course? * Describe the key concepts and principles underlying NIMS. * Identify the benefits of using ICS as the national incident management model. * Describe when it is appropriate to institute an Area Command. * Describe when it is appropriate to institute a Multiagency Coordination System. * Describe the benefits of using a Joint Information System (JIS) for public information. * Identify the ways in which NIMS affects preparedness. * Describe how NIMS affects how resources are managed. * Describe the advantages of common communication and information management systems. * Explain how NIMS influences technology and technology systems. * Describe the purpose of the NIMS Integration Center CEUs: 0.3

Critical Care Transport American Academy of Orthopaedic Surgeons (AAOS), 2009-11-13 Welcome to the new gold standard in critical care transport training. Published in conjunction with the American Academy of Orthopaedic Surgeons (AAOS) and the American College of Emergency Physicians (ACEP), Critical Care Transport offers cutting edge content relevant to any healthcare provider training in critical care transport. Like no other textbook in this market, Critical Care Transport thoroughly prepares medical professionals to function as competent members of a critical care team by covering the material that everyone—paramedics, nurses, physicians, and specialty crew—needs to know to operate effectively in the prehospital critical care environment. This book meets the curricula of major critical care training programs, including University of Maryland, Baltimore County (UMBC). It covers both ground and flight transport, and meets the objectives of critical care transport certification exams such as the Certified Flight Paramedic (FP-C) exam administered by the Board for Critical Care Transport Paramedic Certification. Content includes information specific to prehospital critical care

transport, such as flight physiology, lab analysis, hemodynamic monitoring, and specialized devices such as the intra-aortic balloon pump. Standard topics such as airway management, trauma, and pharmacology are covered in the context of critical care. Chapters have been authored by leading critical care professionals across the country and represent the most current, state-of-the-art information on management of critical care patients.

Living with the Earth, Fourth Edition Gary S. Moore 2018-10-25 Shelving Guide; Environmental Science This is a groundbreaking and innovative book now in its fourth edition. The first edition won the CHOICE award for outstanding Academic Book while editions two and three became bestsellers on their own right. This fourth edition is packed with new updates on current world events associated with environmental issues and related health concerns. The author maintains traditional concepts and merges them with new and controversial issues. The book has been revised to include up-to-date topics with a revised Web site with updated links. So what Coverage of emergency preparedness for environmental health practitioners Discussion of population dynamics especially with regard to overpopulation and underpopulation around the world and their respective influences on social, economic, and environmental concerns. The mechanisms of environmental disease, emphasizing genetic disease and its role in developmental disorders and cancer. Human behaviors and pollution are presented along with respect to their roles in cancer risk. The ever increasing issues surrounding emerging and re-emerging diseases around the earth and the introduction of an increasing number of emerging diseases. The growing problems of asthma and other health effects associated with air pollution. An exploration of the mechanisms of toxicity with special reference to the immune system and endocrine disruption. The ongoing issues of the creation and disposal of hazardous waste along with the controversies surrounding disposal are presented. The issues and benefits of recycling are explored. The use of HACCP in assuring food quality, food safety issues, and the Food Quality Protection Act are discussed. Numerous technical illustrations, charts, graphs, and photographs are included What on the Web? Test bank and study questions giving a complete review of the concepts covered. Search tools for online journals and databases covering useful, up-to-date information in health and environmental topics Subject specific links by chapter as well as Federal, state, and organization sites with relevant information Downloadable PowerPoint files for each Chapter providing the instructor with ready-made presentation materials that can be modified as needed. Downloadable and printable test questions and answers for each chapter available to instructors

Opticks Sir Isaac Newton 2021-01-01 First published in the year 1704, Sir Isaac Newton's book 'Opticks' analyzes the fundamental nature of light by means of the refraction of light with prisms and lenses, the diffraction of light by closely spaced sheets of glass, and the behaviour of color mixtures with spectral lights or pigment powders.

Wildland Fire Incident Management Field Guide NWCG 2014-06-06 The Wildland Fire Incident Management Field Guide is a revision of what used to be called the Fireline Handbook, PMS 410-1. This guide has been renamed because, over time, the original purpose of the Fireline Handbook had been replaced by the Incident Response Pocket Guide, PMS 461. As a result, this new guide is aimed at a different audience, and it was felt a new name was in order.

National Strategy for Pandemic Influenza Implementation Plan 2006 Influenza viruses have threatened the health of animal and human populations for centuries. Their diversity and propensity for mutation have thwarted our efforts to develop both a universal vaccine and highly effective antiviral drugs. A pandemic occurs when a novel strain of influenza virus emerges that has the ability to infect and be passed between humans. Because humans have little immunity to the new virus, a worldwide epidemic, or pandemic, can ensue. Three human influenza pandemics occurred in the 20th century, each resulting in illness in approximately 30 percent of the world population and death in 0.2 percent to 2 percent of those infected. Using this historical information and current models of disease transmission, it is projected that a modern pandemic could lead to the deaths of 200,000 to 2 million people in the United States alone. The animal population serves as a reservoir for new influenza viruses. Scientists believe that avian, or bird, viruses played a role in the last three pandemics. The current concern for a pandemic arises from an unprecedented outbreak of H5N1 influenza in birds that began in 1997 and has spread across bird populations in Asia, Europe, and Africa. The virus has shown the ability to infect multiple species, including long-range migratory birds, pigs, cats, and humans. It is impossible to predict whether the H5N1 virus will lead to a pandemic, but history suggests that if it does not, another novel influenza virus will emerge at some point in the future and threaten an unprotected human population. The economic and societal disruption of an influenza pandemic could be significant. Absenteeism across multiple sectors related to personal illness, illness in family members, fear of contagion, or public health measures to limit contact with others could threaten the functioning of critical infrastructure, the movement of goods and services, and operation of institutions such as schools and universities.

Filling the Ark Leslie Irvine 2021-06-30 The fate of animals in disasters depends on practical solutions informed by compassion and common sense.

Engineering Thermodynamics M. David Burghardt 1993 Here is a comprehensive and comprehensible treatment of engineering thermodynamics from its theoretical foundations to its applications in real situations. The thermodynamics presented will prepare students for later courses in fluid mechanics and heat transfer, and practicing engineers will find the applications helpful in their professional work. The book is appropriate for an introductory undergraduate course in thermodynamics and for a subsequent course in thermodynamic applications. The chapters dealing with steam power plants, internal combustion engines, and HVAC are unmatched. The introductory chapter on turbomachinery is also unique. A thorough development of the second law of thermodynamics is provided in chapters 7-9. The ramifications of the second law receive thorough discussion; the student not only performs calculations, but understands the implications of the calculated results. Computer models created in TK Solver accompany each chapter and are particularly useful in the application areas. The TK Solver files provided with the book can be used as written or modified and merged into models developed to analyze new problems. The book has two particularly important strengths: its readability and the depth of its treatment of applications. The readability will make the content understandable to the average students; the depth in applications will make the book suitable for applied upper-level courses as well.

Higher Chemistry John Anderson (Chemistry teacher) 2019 Exam Board: SQA Level: Higher Subject: Chemistry First Teaching: August 2018 First Exam: June 2019 Full course coverage in this new Higher Chemistry textbook, updated for the latest changes to the SQA coursework and question papers. - In-text, Study and End-of-course questions have been updated and extended in this edition, testing students' knowledge and understanding of the chemistry presented and offering lots of practice to revise and consolidate ahead of the exam. - Worked examples show common Higher Chemistry questions and ways of answering that cover the necessary points - Checklists fo

Advanced Medical Life Support Alice Dalton 2003 "Advanced Medical Life Support" is "the" text on practical methods for adult emergency treatment. Designed to provide students with the practical knowledge and skills to effectively manage on-scene, adult medical emergencies, each chapter moves from assessment-based procedures to field diagnosis and management of treatable cause. Written by authors uniquely qualified to address the specific requirements of advanced-level EMS training, this is a complete and essential resource for seasoned EMS practitioners. Features: Highlights definitions, key ideas, and Clinical Insights in the margin. Introduces each chapter with a relevant case study and concludes the chapter with a follow-up to that same case study. Teaches critical thinking (Possibilities to Probabilities in Chapter 1). Applies critical thinking through interactive case studies (Chapter 13) Includes a Further Reading bibliography in each chapter. Contains appendices on pharmacology, normal lab data, and 12-lead ECG interpretation.

Explosives Incidents 1984

ReadyRN Terner Goodwin Veenema 2018-08-31 This color-coded, rapid-reference text includes all of the essential information you need to manage any disaster or emergency with mass casualties. Coverage of each category of disaster-weather-related, public health, infectious disease, chemical, biological, radiological/nuclear, and explosive-offers vital content on dealing with the injuries and nursing protocols for each scenario. Plus, information on disaster sites and clinical management prepares you to take action at the scene or in the hospital setting.

Guide for All-Hazard Emergency Operations Planning Kay C. Goss 1998-05 Meant to aid State & local emergency managers in their efforts to develop & maintain a viable all-hazard emergency operations plan. This guide clarifies the preparedness, response, & short-term recovery planning elements that warrant inclusion in emergency operations plans. It offers the best judgment & recommendations on how to deal with the entire planning process - from forming a planning team to writing the plan. Specific topics of discussion include: preliminary considerations, the planning process, emergency operations plan format, basic plan content, functional annex content, hazard-unique planning, & linking Federal & State operations.

Emergency Management U.S.A. United States. Federal Emergency Management Agency 1986

IS-200. a ICS for Single Resources and Initial Action Incidents Fema 2010-08-11 Course Overview ICS 200 is designed to enable personnel to operate efficiently during an incident or event within the Incident Command System (ICS). ICS-200 provides training on and resources for personnel who are likely to assume a supervisory position within the ICS. The Emergency Management Institute developed ICS its ICS courses collaboratively with: National Wildfire Coordinating Group (NWCG) U.S. Department of Agriculture United State Fire Administration's National Fire Programs Branch Primary Audience Persons involved with emergency planning, response or recovery efforts. NIMS Compliance This course is NIMS compliant and meets the NIMS Baseline Training requirements for I-200. Prerequisites IS-100.a CEUs 0.3

IS-800. B National Response Framework Fema 2010-08-17 Course Overview The course introduces participants to the concepts and principles of the National Response Framework. Course Objectives At the end of this course, you will be able to describe: The purpose of the National Response Framework. The response doctrine established by the National Response Framework. The roles and responsibilities of entities as specified in the National Response Framework. The actions that support national response. The response organizations used for multiagency coordination. How planning relates to national preparedness. Primary Audience This course is intended for government executives, private-sector and nongovernmental organization (NGO) leaders, and emergency management practitioners. This includes senior elected and appointed leaders, such as Federal department or agency heads, State Governors, mayors, tribal leaders, and city or county officials - those who have a responsibility to provide for effective response. Prerequisite: None CEUs: 0.3

Disaster and Emergency Preparedness Terner Goodwin Veenema 2018-06 Preceded by Disaster nursing and emergency preparedness for chemical, biological, and radiological terrorism and other hazards / Terner Goodwin Veenema, editor. 3rd ed. c2013.

Disaster Nursing Terner Goodwin Veenema 2007-06-18 Read a fascinating interview with editor Terner Goodwin Veenema! Terner Veenema Interview Disaster planning and emergency preparedness have never been more critical to the nurses who serve as our front-line response. Today's pandemic threats of global terrorism, disease, and natural disasters make this comprehensive handbook of best practices a necessity--meeting the need for a nursing workforce that is adequately prepared to respond to any disaster or public health emergency. In addition to a thorough update based on the most recent recommendations, this second edition contains six new chapters: Emergency Health Services (EMS and other first responders) Burn Assessment and Management Explosive & Traumatic Terrorism Caring for High-Risk, High-Vulnerability Patients Emerging Infectious Disease (avian and other flu pandemics) Chemical Decontamination All content reflects the guidelines provided in the Federal Disaster Response Plan and the National Incident Management System (NIMS) and therapeutic recommendations from the national Centers for Disease Control and Prevention. Disaster Nursing will prepare any nurse or EMS team to provide health care under a variety of disaster conditions.

NFPA 1600. Standard on Disaster/emergency Management and Business Continuity Programs National Fire Protection Association 2013

Geographic Information Systems (GIS) for Disaster Management Brian Tomaszewski 2020-10-28 Now in its second edition, Geographic Information Systems (GIS) for Disaster Management has been completely updated to take account of new developments in the field. Using a hands-on approach grounded in relevant GIS and disaster management

theory and practice, this textbook continues the tradition of the benchmark first edition, providing coverage of GIS fundamentals applied to disaster management. Real-life case studies demonstrate GIS concepts and their applicability to the full disaster management cycle. The learning-by-example approach helps readers see how GIS for disaster management operates at local, state, national, and international scales through government, the private sector, non-governmental organizations, and volunteer groups. New in the second edition: a chapter on allied technologies that includes remote sensing, Global Positioning Systems (GPS), indoor navigation, and Unmanned Aerial Systems (UAS); thirteen new technical exercises that supplement theoretical and practical chapter discussions and fully reinforce concepts learned; enhanced boxed text and other pedagogical features to give readers even more practical advice; examination of new forms of world-wide disaster faced by society; discussion of new commercial and open-source GIS technology and techniques such as machine learning and the Internet of Things; new interviews with subject-matter and industry experts on GIS for disaster management in the US and abroad; new career advice on getting a first job in the industry. Learned yet accessible, Geographic Information Systems (GIS) for Disaster Management continues to be a valuable teaching tool for undergraduate and graduate instructors in the disaster management and GIS fields, as well as disaster management and humanitarian professionals. Please visit <http://gisfordisastermanagement.com> to view supplemental material such as slides and hands-on exercise video walkthroughs. This companion website offers valuable hands-on experience applying concepts to practice.

Cert Federal Emergency Management Agency 2011 Instructor Guide for the FEMA course to become a CERT team member. It contains the same information as the pdf which can be downloaded from FEMA.gov at no cost. This book contains additional helpful tabs and pages for notes.

Elementary SCAT Practice Tests Anthem Press 2021-08-17 This book contains three full-length verbal and quantitative practice tests to prepare students in grades 2 and 3 to take the Elementary School and College Ability Test (SCAT) administered by the Johns Hopkins Center for Talented Youth (CTY). It is an above-grade level test that assesses math and verbal reasoning abilities among gifted children and assesses students at a higher grade level than the one they are in at the time the test is administered. Elementary SCAT tests are designed at grades 4 and 5. The two sections for testing math and verbal reasoning are each 22-minutes long separated by a 10-minutes break and there are 55 multiple-choice questions per section.

Emergency Operations - Eoc Design Michael J. Fagel 2007-09-01 This book is a guide to developing an all-hazards emergency operations planning team and EOC design. The author, Mike Fagel, Ph.D., CEM, has spent four decades in emergency response, including work with FEMA, Dept. of Justice, Defense Dept., and Homeland Security. He has developed courses for DHS and has instructed at several universities' master's programs.

School Nursing Janice Selekman 2019-07-01 Produced in cooperation with the National Association of School Nurses, this text includes comprehensive coverage of the multiple facets of school nursing—from the foundations of practice and the roles and functions of a school nurse through episodic and chronic illness and behavioral issues, to legal issues and leading and managing within school settings. Written and edited by school nurses and pediatric experts, it features real-world-tested, best practices based on evidence and experience. There's content here that you won't find in other books, such as health assessments, individualized health plan development, mental health conditions including adolescent depression, contemporary legal issues, and current policy statements essential to school nursing.

Heath Chemistry James Dudley Herron 1987

IS-100.C Michigan Legal Publishing Ltd. 2020 ICS 100, Introduction to the Incident Command System, introduces the Incident Command System (ICS) and provides the foundation for higher level ICS training. This course describes the history, features and principles, and organizational structure of the Incident Command System.

Living with the Earth, Third Edition Gary S. Moore 2007-04-05 Includes all the bells and whistles you and your students have come to expect It's hard to imagine a book more innovative and groundbreaking than Living with the Earth: Concepts in Environmental Health Science, Third Edition. The first edition won the CHOICE award for Outstanding Academic Book and both previous editions became bestsellers in their own right. See what's new and updated coverage includes: Emergency preparedness for environmental health practitioners including a discussion on their roles and operations Population dynamics, various cultural philosophies regarding overpopulation, and underpopulation in the developed nations Mechanisms of environmental disease with emphasis on genetic disease and developmental disorders Alternative to chemical pest control Genetic basis of cancer The growing problems of asthma and air pollutants as well as newly emerging and re-emerging infectious diseases An exploration of the mechanisms of toxicity, with special reference to the immune system and endocrine disruption Hazardous waste treatment, use, and recycling HACCP and assuring food quality, food safety issues, and Food Quality Protection Act Risk assessment and risk management principles A discussion in the change in directions in regulatory compliance Technical illustrations, charts, graphs, and photographs that improve learning and simplify concepts What's on the Web: Test bank and study questions Microsoft PowerPoint presentation slides in digital format Study guides with detailed notes, color figures, and tables Printable sample questions and answers for each chapter Search tools for online journals and databases covering useful, up-to-date information Incorporates traditional concepts with new, emerging, and controversial issues Always on the forefront of new ideas and new technology, the book includes up-to-date topics and information enhanced by Web features that make the book easy to use for professor and students alike.