

Pearson Emr Complete Quiz Chapter1

This books provides content that arms clinicians with the core knowledge and competencies necessary to be effective informatics leaders in health care organizations. The content is drawn from the areas recognized by the American Council on Graduate Medical Education (ACGME) as necessary to prepare physicians to become Board Certified in Clinical Informatics. Clinical informaticians transform health care by analyzing, designing, selecting, implementing, managing, and evaluating information and communication technologies (ICT) that enhance individual and population health outcomes, improve patient care processes, and strengthen the clinician-patient relationship. As the specialty grows, the content in this book covers areas useful to nurses, pharmacists, and information science graduate students in clinical/health informatics programs. These core competencies for clinical informatics are needed by all those who lead and manage ICT in health organizations, and there are likely to be future professional certifications that require the content in this text.

The practical e-guide that gives you the skills to succeed as a project manager. Discover how to improve your project management skills by defining a project brief, identifying stakeholders, and building a strong team. You'll also learn useful tips for initiating projects, setting deadlines, and managing your budgets. Essential Managers gives you a practical "how-to" approach with step-by-step instructions, tips, checklists, and "ask yourself" features showing you how to focus your energy, manage change, and make an impact. DK's Essential Managers series contains the knowledge you need to be a more effective manager and hone your management style. Whether you're new to project management or simply looking to sharpen your existing skills, this is the e-guide for you. A practical, applied approach to assessing learners with special needs from early childhood through transition Assessing Learners with Special Needs: An Applied Approach, 8/e provides readers with a practical, step-by-step approach to learning about the complex procedures of the assessment process. This new edition provides a new presentation format and a new format for assessing student mastery of material through interactive learning activities. The Enhanced Pearson eText features embedded video, assessments, and exercises.

Cloud Computing: Theory and Practice provides students and IT professionals with an in-depth analysis of the cloud from the ground up. Beginning with a discussion of parallel computing and architectures and distributed systems, the book turns to contemporary cloud infrastructures, how they are being deployed at leading companies such as Amazon, Google and Apple, and how they can be applied in fields such as healthcare, banking and science. The volume also examines how to successfully deploy a cloud application across the enterprise using virtualization, resource management and the right amount of networking support, including content delivery networks and storage area networks. Developers will find a complete introduction to application development provided on a variety of platforms. Learn about recent trends in cloud computing in critical areas such as: resource management, security, energy consumption, ethics, and complex systems Get a detailed hands-on set of practical recipes that help simplify the deployment of a cloud based system for practical use of computing clouds along with an in-depth discussion of several projects Understand the evolution of cloud computing and why the cloud computing paradigm has a better chance to succeed than previous efforts in large-scale distributed computing

Essentials of Nursing Leadership and Management

Essentials of Business Analytics

Expert Hadoop 2 Administration

Understanding and Using Computerized Medical Records

An Evidence Based User's Guide

Management Information Systems

Textbook for EMT training. The DVD walks students through the skills necessary to pass the EMT-Basic practical exam.

Think back to a time when paramedics didn't exist. When "drivers" simply brought injured patients to the hospital. When the EMS industry was in its infancy. A time before Nancy Caroline. Dr. Caroline's work transformed EMS and the entire paramedic field. She created the first national standard curriculum for paramedic training in the United States. She also wrote the first paramedic textbook: Emergency Care in the Streets. The impact that Dr. Caroline had on EMS and health care spanned across the U.S. and abroad. From establishing EMS systems to training paramedics, to providing better nourishment and health care for orphans, her work had a profound impact on humanity. Throughout her life, Dr. Caroline brought a sense of excitement, joy, and humor to her work. The American Academy of Orthopaedic Surgeons is proud to continue Dr. Caroline's legacy. Her sense of excitement and humor live on in this text, which is dedicated to her. The Sixth Edition honors Dr. Caroline's work with a clear, fun, understandable writing style for which she was known. Welcome back a familiar training companion to your classroom! Say hello to Sidney Sinus, AV Abe, and a cast of memorable characters and amusing anecdotes. Make learning for your students more fun!

Electronic Health Records, a foundational course in Health Information Management or Health Information Technology programs prepares students to understand and use electronic records in a medical practice. Gartee's, first of its kind, "how to" text is designed to train future users of EHR programs, to document patient exam, diagnosis, orders, and coding. It contains screen shots, exercises and activities to provide a complete learning system. Written for everyone in the office who will touch the electronic medical record, course material is suitable for medical and nursing schools, allied health career schools, universities, community colleges and continuing education programs. ABOUT THE SOFTWARE : The Student CD that accompanies the book, can be networked, used for distance learning, or purchased individually or as a val pak with the book. The software does not come bound in the book. Instructors will receive a copy of the Medcin Software which is bound into the Instructors manual by contacting their local representative. The Medcin Student Edition Software may be value packed with Richard Gartee's Electronic Health Records - ISBN: 0131564862 for \$10.00 more than the price of the text or as a stand alone Student CDROM - ISBN:0131789376 available from Prentice Hall. The software is multi-user allowing students to work simultaneously and keep work separate. Exercise print outs generated from Medcin automatically include the student's login name or ID. Medcin is the licensed core technology in many prominent EHR Systems. 10 out of 15 EHR systems for medical offices use Medcin nomenclature as the technology underlying commercial EHR systems. Students therefore are more likely to apply skills acquired in this course to an EHR application in their office. All work is printed and no exercises require saving. All exercises are designed to be completed during a normal class time. Printers use a standard Windows system. For distance learning, the software allows the student to "Print to HTML" which will output the exercise document into a file that can be emailed.

From translating the patient's medical records and test results to providing recommendations, the neuropsychological evaluation incorporates the science and practice of neuropsychology, neurology, and psychological sciences. The Little Black Book of Neuropsychology brings the practice and study of neuropsychology into concise step-by-step focus—without skimming on scientific quality. This one-of-a-kind assessment reference complements standard textbooks by outlining signs, symptoms, and complaints according to neuropsychological domain (such as memory, language, or executive function), with descriptions of possible deficits involved, inpatient and outpatient assessment methods, and possible etiologies. Additional chapters offer a more traditional approach to evaluation, discussing specific neurological disorders and diseases in terms of their clinical features, neuroanatomical correlates, and assessment and treatment considerations. Chapters in psychometrics provide for initial understanding of brain-behavior interpretation as well as more advanced principals for neuropsychology practice including new diagnostic concepts and analysis of change in performance over time. For the trainee, beginning clinician or seasoned expert, this user-friendly presentation incorporating 'quick reference guides' throughout which will add to the practice armamentarium of beginning and seasoned clinicians alike. Key features of The Black Book of Neuropsychology: Concise framework for understanding the neuropsychological referral. Symptoms/syndromes presented in a handy outline format, with dozens of charts and tables. Review of basic neurobehavioral examination procedure. Attention to professional issues, including advances in psychometrics and diagnoses, including tables for reliable change for many commonly used tests. Special "Writing Reports like You Mean It" section and guidelines for answering referral questions. Includes appendices of practical information, including neuropsychological formulry. The Little Black Book of Neuropsychology is an indispensable resource for the range of practitioners and scientists interested in brain-behavior relationships. Particular emphasis is provided for trainees in neuropsychology and neuropsychologists. However, the easy to use format and concise presentation is likely to be of particular value to interns, residents, and fellows studying neurology, neurological surgery, psychiatry, and nurses. Finally, teachers of neuropsychological and neurological assessment may also find this book useful as a classroom text. "There is no other book in the field that covers the scope of material that is inside this comprehensive text. The work might be best summed up as being a clinical neuropsychology postdoctoral residency in a book, with the most up to date information available, so that it is also an indispensable book for practicing neuropsychologists in addition to students and residents...There is really no book like this available today. It skillfully brings together the most important foundationsof clinical neuropsychology with the 'nuts and bolts' of every facet of assessment. It also reminds the more weathered neuropsychologists among us of the essential value of neuropsychological assessment...the impact of the disease on the patient's cognitive functioning and behavior may only be objectively quantified through a neuropsychological assessment." Arch Clin Neuropsychol (2011) first published online June 13, 2011 Read the full review acn.oxfordjournals.org

A Skills Approach, Fifth Canadian Edition

The Little Black Book of Neuropsychology

Communicating Risks and Benefits

How to Practice and Teach EBM.

Medical Records Manual

A Guide for Developing Countries

The Future of Nursing explores how nurses' roles, responsibilities, and education should change significantly to meet the increased demand for care that will be created by health care reform and to advance improvements in America's increasingly complex health system. At more than 3 million in number, nurses make up the single largest segment of the health care work force. They also spend the greatest amount of time in delivering patient care as a profession. Nurses therefore have valuable insights and unique abilities to contribute as partners with other health care professionals in improving the quality and safety of care as envisioned in the Affordable Care Act (ACA) enacted this year. Nurses should be fully engaged with other health professionals and assume leadership roles in redesigning care in the United States. To ensure its members are well-prepared, the profession should institute residency training for nurses, increase the percentage of nurses who attain a bachelor's degree to 80 percent by 2020, and double the number who pursue doctorates. Furthermore, regulatory and institutional obstacles -- including limits on nurses' scope of practice -- should be removed so that the health system can reap the full benefit of nurses' training, skills, and knowledge in patient care. In this book, the Institute of Medicine makes recommendations for an action-oriented blueprint for the future of nursing.

Management Information Systems provides comprehensive and integrative coverage of essential new technologies, information system applications, and their impact on business models and managerial decision-making in an exciting and interactive manner. The twelfth edition focuses on the major changes that have been made in information technology over the past two years, and includes new opening, closing, and Interactive Session cases.

This comprehensive edited volume is the first of its kind, designed to serve as a textbook for long-duration business analytics programs. It can also be used as a guide to the field by practitioners. The book has contributions from experts in top universities and industry. The editors have taken extreme care to ensure continuity across the chapters. The material is organized into three parts: A) Tools, B) Models and C) Applications. In Part A, the tools used by business analysts are described in detail. In Part B, these tools are applied to construct models used to solve business problems. Part C contains detailed applications in various functional areas of business and several case studies. Supporting material can be found in the appendices that develop the pre-requisites for the main text. Every chapter has a business orientation. Typically, each chapter begins with the description of business problems that are transformed into data questions; and methodology is developed to solve these questions. Data analysis is conducted using widely used software, the output and results are clearly explained at each stage of development. These are finally transformed into a business solution. The companion website provides examples, data sets and sample code for each chapter.

This new edition focuses on preparing your students to assume the role as a significant member of the health-care team and manager of care, and is designed to help your students transition to professional nursing practice. Developed as a user-friendly text, the content and style makes it a great tool for your students in or out of the classroom. (Midwest).

Prehospital Defibrillation

Strategies, Implementation Methods, and Best Practices

OECD Reviews of Public Health: Japan A Healthier Tomorrow

Leading Change, Advancing Health

First on Scene

This invaluable resource provides a broad, contemporary overview of EMS with a real-world focus on the field provider. Readers will appreciate the case studies that introduce chapter topics, as well as the learning objectives, glossary of terms, and study questions that make learning easier. Whether you're studying to become an EMS provider or need a general EMS reference tool for your medical library, this book will meet your needs.

This report presents the results of a series of surveys and semistructured interviews intended to identify and characterize determinants of physician professional satisfaction.

Make healthcare analytics work: leverage its powerful opportunities for improving outcomes, cost, and efficiency.This book gives you theoretical frameworks, strategies, tactics, and case studies you need to go beyond talk to action. The contributing healthcare analytics innovators survey the field's current state, present start-to-finish guidance for planning and implementation, and help decision-makers prepare for tomorrow's advances. They present in-depth case studies revealing how leading organizations have organized and executed analytic strategies that transformed their business. The book is published with the International Institute for Analytics (IIA), this book features the combined expertise of IIA's team of leading health analytics practitioners and researchers. Each chapter is written by a member of the IIA faculty, and bridges the latest research findings with proven best practices. This book will be valuable to professionals and decision-makers throughout the healthcare ecosystem, including provider organization clinicians and managers; life sciences researchers and practitioners; and informaticians, operations, and IT courses in business, engineering, and healthcare certificate programs.

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BRADY by combining trusted author content with digital tools and a flexible platform, MyLab personalizes the learning experience and improves results for each student. Designed for EMS students and educators, MyLab BRADY engages students with unique practice opportunities, while supporting educators with valuable teaching material.

Cloud Computing

Care and Transportation of the Sick and Injured

Fundamentals of Nursing

Nurse as Educator

Assessing Learners with Special Needs

Your First Response in Emergency Care

All the Knowledge You Need to Build Cybersecurity Programs and Policies That Work Clearly presents best practices, governance frameworks, and key standards. Includes focused coverage of healthcare, finance, and PCI DSS compliance. An essential and invaluable guide for leaders, managers, and technical professionals. Today, cyberattacks can place entire organizations at risk. Cybersecurity can no longer be delegated to specialists: success requires everyone to work together, from leaders on down. Developing Cybersecurity Programs and Policies offers start-to-finish guidance for establishing effective cybersecurity in any organization. Drawing on more than 20 years of real-world experience, Omar Santos presents realistic best practices for defining policy and governance, ensuring compliance, and collaborating to harden the entire organization. First, Santos shows how to develop workable cybersecurity policies and an effective framework for governing them. Next, he addresses risk management, asset management, and data loss prevention, showing how to align functions from HR to physical security. You'll discover best practices for securing communications, operations, and access; acquiring, developing, and maintaining technology; and responding to incidents. Santos concludes with detailed coverage of compliance in finance and healthcare, the crucial Payment Card Industry Data Security Standard (PCI DSS) standard, and the NIST Cybersecurity Framework. Whatever your current responsibilities, this guide will help you plan, manage, and lead cybersecurity—and safeguard all the assets that matter. Learn How To · Establish cybersecurity policies and governance that serve your organization's needs · Integrate cybersecurity program components into a coherent framework for action · Assess, prioritize, and manage security risk throughout the organization · Manage assets and prevent data loss · Work with HR to address human factors in cybersecurity · Harden your facilities and physical environment · Design effective policies for securing communications, operations, and access · Strengthen security throughout the information systems lifecycle · Plan for quick, effective incident response and ensure business continuity · Comply with rigorous regulations in finance and healthcare · Plan for PCI compliance to safely process payments · Explore and apply the guidance provided by the NIST Cybersecurity Framework

This volume provides an introduction to medicinal chemistry. It covers basic principles and background, and describes the general tactics and strategies involved in developing an effective drug.

Emergency Medical Responder: A Skills Approach is the essential guide for students preparing to enter the paramedic profession. Thoroughly Canadian, it incorporates case studies drawn from the authors' experience, as well as perspectives, legislation, and procedures that are particular to Canada. A variety of enrichment materials are included throughout the book, as is coverage on working with other members of the health care team and the importance of written reports and accurate documentation. KEY TOPICS: Introduction to the Emergency Medical Services System; The Well-Being of the Emergency Medical Responder; Legal and Ethical Issues; The Human Body; Pharmacokinetics; Lifing and Wining Patients; The Airway and Ventilation; Circulation; Automated External Defibrillation; Scene Assessment; Patient Assessment; Communication and Documentation; Cardiac and Respiratory Emergencies; Other Common Medical Complaints; Geriatric Considerations; Heat and Cold Emergencies; Bites and Stings; Psychological Emergencies and Crisis Intervention; Bleeding and Shock; Soft-Tissue Injuries to the Chest, Abdomen, and Genitalia; Burn Emergencies; Agricultural and Industrial Emergencies; Injuries to the Head, Face, and Neck; Injuries to the Spine; Motor Vehicle Accidents; Childbirth; EMS Operations; Hazardous Materials; Incidents and Emergencies; Multiple-Casualty Incidents and Incident Command; Water Emergencies; Vehicle Stabilization and Patient Extrication; Special Rescue Situations. MARKET: Appropriate for Emergency Medical Responder Courses.

Comprehensive and concise, this handbook has chapters on computing visualization, large database designs, advanced pattern matching and other key bioinformatics techniques. It is a practical guide to computing in the growing field of Bioinformatics—the study of how information is represented and transmitted in biological systems, starting at the molecular level.

Closing the Quality Gap

Text and Review

Introduction to EMS Systems

Managing Spark, YARN, and MapReduce

Managing the Digital Firm

An Introduction to the Methodology and its Applications

The accompanying CD-ROM contains clinical examples, critical appraisals and background papers.

Health Informatics (HI) focuses on the application of Information Technology (IT) to the field of medicine to improve individual and population healthcare delivery, education and research. This extensively updated fifth edition reflects the current knowledge in Health Informatics and provides learning objectives, key points, case studies and references.

This review assesses Japan's public health system, highlights areas of strength and weakness, and makes a number of recommendations for improvement. The review examines Japan's public health system architecture, and how well policies are responding to population health challenges, including ...

This introductory text presents complete and accurate coverage of the basic skills needed to perform effectively as a health office administrative assistant in today's fast-changing work environment. Canadian examples, data, and illustrations have been integrated throughout, and the author draws on her extensive teaching and industry experience to provide real-life examples and scenarios to make key concepts come alive.

Emergency Care

Administrative and Clinical Procedures for the Canadian Health Professional

Evidence-based Medicine

Emergency Medical Responder

Clinical Informatics Study Guide

Prehospital Emergency Care

Accompanying CD-ROM contains annex tables detailing population attributable fractions, mortality, and disease burden for selected major risk factors.

Effective risk communication is essential to the well-being of any organization and those people who depend on it. Ineffective communication can cost lives, money and reputations. Communicating Risks and Benefits: An Evidence-Based User ' s Guide provides the scientific foundations for effective communications. The book authoritatively summarizes the relevant research, draws out its implications for communication design, and provides practical ways to evaluate and improve communications for any decision involving risks and benefits. Topics include the communication of quantitative information and warnings, the roles of emotion and the news media, the effects of age and literacy, and tests of how well communications meet the organization ' s goals. The guide will help users in any organization, with any budget, to make the science of their communications as sound as the science that they are communicating.

Updated To The new National EMS Education Standards and endorsed by the American Academy of Orthopaedic Surgeons, the fifth edition of our core first responder textbook, Emergency Medical Responder, continues to take an assessment-based approach to emergency medical responder training. Designed to meet the needs of law enforcement personnel, fire fighters, rescue squad personnel, athletic trainers, college students, and laypersons. The text and features found in the fifth edition will help students take the next step toward becoming outstanding Emergency Medical Responders.

The program is aimed at helping medical record workers in the development and management of medical records services of health care facilities in developing countries in an effective and efficient manner. It has not been designed as an introductory text to medical record management, but rather as an aid to medical record officers (MROs) and medical record clerks by describing appropriate systems for Medical Records Departments in developing countries. It covers manual procedures and may be used as an adjunct to computerized systems. It does not provide all of the options for medical record management, but it does provide one option in each area for the management of medical records in developing countries. A list the textbooks that provide detailed information on medical record management is also provided.

Machine Learning in Action

Health Informatics: Practical Guide for Healthcare and Information Technology Professionals (Sixth Edition)

EMT-D

Factors Affecting Physician Professional Satisfaction and Their Implications for Patient Care, Health Systems, and Health Policy

The Future of Nursing

A Syndrome-Based Approach

Summary Machine Learning in Action is unique book that blends the foundational theories of machine learning with the practical realities of building tools for everyday data analysis. You'll use the flexible Python programming language to build programs that implement algorithms for data classification, forecasting, recommendations, and higher-level features like summarization and simplification. About the Book A machine is said to learn when its performance improves with experience. Learning requires algorithms and programs that capture data and ferret out the interesting or useful patterns. Once the specialized domain of analysts and mathematicians, machine learning is becoming a skill needed by many. Machine Learning in Action is a clearly written tutorial for developers. It avoids academic language and takes you straight to the techniques you'll use in your day-to-day work. Many (Python) examples present the core algorithms of statistical data processing, data analysis, and data visualization in code you can reuse. You'll understand the concepts and how they fit in with tactical tasks like classification, forecasting, recommendations, and higher-level features like summarization and simplification. Readers need no prior experience with machine learning or statistical processing. Familiarity with Python is helpful. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside A no-nonsense introduction Examples showing common ML tasks Everyday data analysis Implementing classic algorithms like Apriori and Adaboos Table of Contents PART 1 CLASSIFICATION Machine learning basics Classifying with k-Nearest Neighbors Splitting datasets one feature at a time: decision trees Classifying with probability theory: Naïve Bayes Logistic regression Support vector machines Improving classification with the AdaBoost meta algorithm PART 2 FORECASTING NUMERIC VALUES WITH REGRESSION Predicting numeric values: regression Tree-based regression PART 3 UNSUPERVISED LEARNING Grouping unlabeled items using k-means clustering Association analysis with the Apriori algorithm Efficiently finding frequent itemsets with FP-growth PART 4 ADDITIONAL TOOLS Using principled component analysis to simplify data with the singular value decomposition Big data and MapReduce

This is a combination text/workbook that enables students to instantly apply knowledge learned throughout a chapter by reading short segments followed by immediate review in which they can write and then check their answers. The Teaching and Learning package includes online access to instructor and student resources.

Containing almost 800 questions in an easy to use format, this unique study guide is an essential tool that reinforces the content presented in the core text. The variety of questions include critical thinking discussion questions, classroom and homework activities, and multiple response. Questions build on key concepts presented in the core text on a chapter-by-chapter basis. Varying levels of difficulty are included for self-adaptive learning and review.

Prehospital Emergency Care , Tenth Edition, meets the National EMS Education Standards and is the most complete resource for EMT-B training. This best-selling, student-friendly book contains clear, step-by-step explanations with comprehensive, stimulating, and challenging material that prepares users for real on-the-job situations. Featuring case studies, state-of-the-art scans, algorithms, protocols, and the inclusion of areas above and beyond the DOT protocols, the tenth edition effectively prepares students for success. The assessment and emergency care sections provide the most up-to-date strategies for providing competent care; and the enrichment sections further enhance students' ability to assess and manage ill and injured patients in prehospital environments. The text's table of contents is organized to follow the National EMS Educational Standards.

Theory and Practice

Principles of Teaching and Learning for Nursing Practice

Analytics in Healthcare and the Life Sciences

EMR Complete

Emergency

Bioinformatics Computing

The leader in the field, Emergency Medical Responder, Ninth Edition, provides clear first responder-level training for fire service, emergency, law enforcement, military, civil, and industrial personnel. The new ninth edition retains many successful features from previous editions and includes new topics and concepts that have recently become part of most Emergency Medical Responder programs. The foundation of this text is the new National Emergency Medical Services Education Standards for Emergency Medical Responder, and it also includes the 2010 American Heart Association guidelines for Cardiopulmonary Resuscitation and First Aid.

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. For courses in Emergency Medical Technician Training and Emergency Medical Services Help students think like EMTs with the gold standard for EMT training For over 30 years, Emergency Care has provided generations of EMT students with the practical information they need to succeed in the classroom and in the field. Updated with the latest research and developments in emergency medical services, this edition meets the 2010 American Heart Association guidelines for CPR and ECC. Using the National EMS Education Standards as a foundation, Emergency Care goes beyond the Standards to provide the most current, accurate reflection of EMS practice today. The text integrates scientific principles in an easy-to-understand way, with a host of critical-thinking features that help students learn to think like EMTs. Also available with MyBRADYLab™ This title is also available MyBRADYLab—on an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Within its structured environment, students practice what they learn, test their understanding, and pursue a personalized study plan that helps them better absorb course material and understand difficult concepts. NOTE: You are purchasing a standalone product; MyBRADYLab does not come packaged with this content. If you would like to purchase both the physical text and MyBRADYLab, search for ISBN: 0134190750/9780134190754 Emergency Care plus MyBRADYLab with Pearson eText -- Access Card -- for Emergency Care That package includes: 0133946096 / 9780133946093 MyBRADYLab with Pearson eText -- Access Card -- for Emergency Care 0134024559 / 9780134024554 Emergency Care MyBRADYLab should only be purchased when required by an instructor.

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. The Comprehensive, Up-to-Date Apache Hadoop Administration Handbook and Reference "Sam Alapati has worked with production Hadoop clusters for six years. His unique depth of experience has enabled him to write the go-to resource for all administrators looking to spec, size, expand, and secure production Hadoop clusters of any size." —Paul Dix, Series I in Expert Hadoop® Administration, leading Hadoop administrator Sam R. Alapati brings together authoritative knowledge for creating, configuring, securing, managing, and optimizing production Hadoop clusters in any environment. Drawing on his experience with large-scale Hadoop administration, Alapati integrates action-oriented advice with carefully researched explanations of both problems and solutions. He covers an unmatched range of topics and offers an unparalleled collection of realistic examples. Alapati demystifies complex Hadoop environments, helping you understand exactly what happens behind the scenes when you administer your cluster. You'll gain unprecedented insight as you walk through building clusters from scratch and configuring high availability, performance, security, encryption, and other key attributes. The high-value administration skills you learn here will be indispensable no matter what Hadoop distribution you use or what Hadoop applications you run. Understand Hadoop's architecture from an administrator's perspective, and you'll be able to manage and troubleshoot clusters. Run MapReduce and Spark applications in a Hadoop cluster. Manage and protect Hadoop data and high availability. Work with HDFS commands, file permissions, and storage management. Move data and use YARN to allocate resources and schedule jobs. Manage job workflows with Oozie and Hue. Secure, monitor, log, and optimize Hadoop. Benchmark and troubleshoot Hadoop.

This book systematically examines and qualifies industrial problems by assessing their complexity, system parameters, management, software reliability assessment, testing, quality management, analysis using soft computing techniques, management analytics, and business analytics, with a clear focus on exploring real-world business issues. Through contributions from researchers working in the area of performance, management, and business analytics, it explores

development of new methods and approaches to improve business by gaining knowledge from bulk data. With system performance analytics, companies are now able to drive performance and provide actionable insights for each level and for every role using key indicators, generate mobile-enabled scorecards, time series-based analysis using charts, and dashboards. In the current dynamic environment, a viable tool known as multi-criteria decision analysis (MCDA) is increasingly being adopted to deal with complex business decisions. MCDA is an important decision support tool for analyzing goals and providing optimal solutions and alternatives. It comprises several distinct techniques, which are implemented by specialized decision-making packages. This book addresses a number of important MCDA methods, such as DEMATEL, TOPSIS, AHP, MAUT, and intuitionistic Fuzzy MCDM, which make it possible to derive maximum utility in the area of analytics. As such, it is a valuable resource for researchers and academicians, as well as practitioners and business experts.

A Worktext

Developing Cybersecurity Programs and Policies

Comparative Quantification of Health Risks: Sexual and reproductive health

Strategic System Assurance and Business Analytics

An Introduction to Medicinal Chemistry

Electronic Health Records

Designed to teach nurses about the development, motivational, and sociocultural differences that affect teaching and learning, this text combines theoretical and pragmatic content in a balanced, complete style. --from publisher description.

Emergency Medical ResponderFirst on ScenePrentice Hall

This is the eBook version of the print title. Note that the eBook does not provide access to the practice test software that accompanies the print book. Learn, prepare, and practice for CompTIA IT Fundamentals FCO-U61 exam success with this CompTIA Cert Guide from Pearson IT Certification, a leader in IT Certification learning. Master CompTIA IT Fundamentals FCO-U61 exam topics Assess your knowledge with practice questions Review key concepts with exam preparation tasks Practice with realistic exam questions Get practical guidance for next steps and more advanced certifications CompTIA IT Fundamentals Cert Guide is a best-of-breed exam study guide. Leading IT certification expert Mark Edward Soper shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The book presents you with an organized test preparation routine through the use of proven series elements and techniques. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft your final study plan. Well regarded for its level of detail, assessment features, and challenging review questions and exercises, this CompTIA study guide helps you master the concepts and techniques that will allow you to succeed on the exam the first time. The CompTIA study guide helps you master all the topics on the IT Fundamentals exam, including: IT concepts and terminology, including data types, input, processing, output, storage, the value of data and information, and basic troubleshooting methods Infrastructure, including I/O hardware, peripheral setup/installation, internal computer components, Internet service types, storage types, computing devices, and networking Applications and software, including software management, operating system components, software types and uses, application architecture and delivery models, web browser configuration, application concepts, and best practices Software development concepts, including types of programming languages, programming organization techniques and logic, and basic programming concepts Database concepts, purposes, structures, and interfaces Security issues, including confidentiality, integrity, and availability; device security; behavioral security; authentication and authorization; password best practices; encryption; and business continuity concepts

CompTIA IT Fundamentals+ FCO-U61 Cert Guide

An Applied Approach

Nancy Caroline's Emergency Care in the Streets

A Healthier Tomorrow

Project Management

A Critical Analysis of Quality Improvement Strategies