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The Linux Command Line - William E. Shotts, Jr. 2012
You've experienced the shiny, point-and-click surface of your Linux computer—now dive below and explore its depths with the power of the command line. The Linux Command Line takes you from your very first terminal keystrokes to writing full programs in Bash, the most popular Linux shell. Along the way you'll learn the timeless skills handed down by generations of gray-bearded, mouse-shunning gurus: file navigation, environment configuration, command chaining, pattern matching with regular expressions, and more. In addition to that practical knowledge, author William Shotts reveals the philosophy behind these tools and the rich heritage that your desktop Linux machine has inherited from Unix supercomputers of yore. As you make your way through the book's short, easily-digestible chapters, you'll learn how to: * Create and delete files, directories, and symlinks * Administer your system, including networking, package installation, and process management * Use standard input and output, redirection, and pipelines * Edit files with Vi, the world's most popular text editor * Write shell scripts to automate common or boring tasks * Slice and dice text files with cut, paste, grep, patch, and sed Once you overcome your initial "shell shock," you'll find that the command line is a natural and expressive way to communicate with your computer. Just don't be surprised if your mouse starts to gather dust. A featured resource in the Linux Foundation's "Evolution of a SysAdmin"
BIM Handbook - Rafael Sacks 2018-07-03
Discover BIM: A better way to build better buildings Building Information Modeling (BIM) offers a novel approach to design, construction, and facility management in which a digital representation of the building product and process is used to facilitate the exchange and interoperability of information in digital format. BIM is beginning to change the way buildings look, the way they function, and the ways in which they are designed and built. The BIM Handbook, Third Edition provides an in-depth understanding of BIM technologies, the business and organizational issues associated with its implementation, and the profound advantages that effective use of BIM can provide to all members of a project team. Updates to this edition include: Information on the ways in which professionals should use BIM to gain maximum value New topics such as collaborative working, national and major construction clients, BIM standards and guides A discussion on how various professional roles have expanded through the widespread use and the new avenues of BIM practices and services A wealth of new case studies that clearly illustrate exactly how BIM is applied in a wide variety of conditions Painting a colorful and thorough picture of the state of the art in building information modeling, the BIM Handbook, Third Edition guides readers to successful implementations, helping them to avoid needless frustration and costs and take full advantage of this paradigm-shifting approach to construct better buildings that consume fewer materials and require less time, labor, and capital resources.
bookdown - Yihui Xie 2016-12-12
bookdown: Authoring Books and Technical Documents with R Markdown presents a much easier way to write books and technical publications than traditional tools such as LaTeX and Word. The bookdown package inherits the simplicity of syntax and flexibility for data analysis from R Markdown, and extends R Markdown for technical writing, so that you can make better use of document elements such as figures, tables, equations, theorems, citations, and references. Similar to LaTeX, you can number and cross-reference these elements with bookdown. Your document can even include live examples so readers can interact with them while reading the book. The book can be rendered to multiple output formats, including LaTeX/PDF, HTML, EPUB, and Word, thus making it easy to put your documents online. The style and theme of these output formats can be customized. We used books and R primarily for examples in this book, but bookdown is not only for books or R. Most features introduced in this book also apply to other types of publications: journal papers, reports, dissertations, course handouts, study notes, and even novels. You do not have to use R, either. Other choices of computing languages include Python, C, C++, SQL, Bash, Stan, JavaScript, and so on, although R is best supported. You can also leave out computing, for example, to write a fiction. This book itself is an example of publishing with bookdown and R Markdown, and its source is fully available on GitHub.
Government Reports Announcements & Index - 1996

Diagnosis and Treatment Planning in Counseling - Linda Seligman 2004-07-14
Key features of the third edition: -An overview of the changing face of counseling, from emerging employment opportunities to core competencies for counselors and trainers. -A broad range of qualitative and quantitative assessment tools, with guidelines for their selection and interpretation. -A thorough review of the current edition of the Diagnostic and Statistic Manual of Mental Disorders, including strategies for multiaxial assessment. -The DO A CLIENT MAP, a comprehensive structured approach to treatment planning. -Expanded coverage of individual, family, and group interventions -An updated chapter on documentation, report writing, and record keeping, with sample reports and forms. -Brand-new chapters on career and organizational development counseling, and ethical standards for counselors. -A predictions chapter identifying trends most likely to influence the future of the field. -Case studies, models, and examples throughout.
Trino: The Definitive Guide - Matt Fuller 2021-04-14
Perform fast interactive analytics against different data sources using the Trino high-performance distributed SQL query engine. With this practical guide, you'll learn how to conduct analytics on data where it lives, whether it's Hive, Cassandra, a relational database, or a proprietary data store. Analysts, software engineers, and production engineers will learn how to manage, use, and even develop with Trino. Initially developed by Facebook, open source Trino is now used by Netflix, Airbnb, LinkedIn, Twitter, Uber, and many other companies. Matt Fuller, Manfred Moser, and Martin Traverso show you how a single Trino query can combine data from multiple sources to allow for analytics across your entire organization. Get started: Explore Trino's use cases and learn about tools that will help you connect to Trino and query data Go deeper: Learn Trino's internal workings, including how to connect to and query data sources with support for SQL statements, operators, functions, and more Put Trino in production: Secure Trino, monitor workloads, tune queries, and connect more applications; learn how other organizations apply Trino
The Northwestern Miller - 1886

System Engineering Analysis, Design, and Development - Charles S. Wasson 2015-11-16
Praise for the first edition: "This excellent text will be useful to everysystem engineer (SE) regardless of the domain. It covers ALLrelevant SE material and does so in a very clear, methodicalfashion. The breadth and depth of the author's presentation ofSE principles and practices is outstanding." –Philip Allen This textbook presents a comprehensive, step-by-step guide toSystem Engineering analysis, design, and development via anintegrated set of concepts, principles, practices, andmethodologies. The methods presented in this text apply to any typeof human system -- small, medium, and large organizational systemsand system development projects delivering engineered systems orservices across multiple business sectors such as medical,transportation, financial, educational, governmental, aerospace anddefense, utilities, political, and charity, among others. Provides a common focal point for "bridgingthe gap" between and unifying System Users, System Acquirers,multi-discipline System Engineering, and Project, Functional, andExecutive Management education, knowledge, and decision-making fordeveloping systems, products, or services Each chapter provides definitions of key terms,guiding principles, examples, author's notes, real-worldexamples, and exercises, which highlight and reinforce key SE&Dconcepts and practices Addresses concepts employed in Model-BasedSystems Engineering (MBSE), Model-Driven Design (MDD), UnifiedModeling Language (UMLTM) / Systems Modeling Language(SysMLTM), and Agile/Spiral/V-Model Development such asuser needs, stories, and use cases analysis; specificationdevelopment; system architecture development; User-Centric SystemDesign (UCSD); interface definition & control; systemintegration & test; and Verification & Validation(V&V) Highlights/introduces a new 21st Century SystemsEngineering & Development (SE&D) paradigm that is easy tounderstand and implement. Provides practices that are critical stagingpoints for technical decision making such as Technical StrategyDevelopment; Life Cycle requirements; Phases, Modes, & States;SE Process; Requirements Derivation; System ArchitectureDevelopment, User-Centric System Design (UCSD); EngineeringStandards, Coordinate Systems, and Conventions; et al. Thoroughly illustrated, with end-of-chapter exercises andnumerous case studies and examples, Systems EngineeringAnalysis, Design, and Development, Second Edition is a primarytextbook for multi-discipline, engineering, system analysis, andproject management undergraduate/graduate level students and avaluable reference for professionals.

Ethical Challenges in the Management of Health Information - Laurinda B. Harman 2001
Resource added for the Health Information Technology program 105301.

Linguistics and Language Behavior Abstracts - 2008

Music Trades - 1919

Teaching in the Hospital - Jeff Wiese 2010
Written by experts in the field, this text offers a unique perspective on the goals of inpatient teaching and practical advice for hospitalists and attendings who teach on the wards.

Connecting People with Technology - George Hayhoe 2020-11-26
This book explores five important areas where technology affects society, and suggests ways in which human communication can facilitate the use of that technology.Usability has become a foundational discipline in technical and professional communication that grows out of our rhetorical roots, which emphasize purpose and audience. As our appreciation of audience has grown beyond engineers and scientists to lay users of technology, our appreciation of the diversity of those audiences in terms of age, geography, and other factors has similarly expanded.We are also coming to grips with what Thomas Friedman calls the 'flat world,' a paradigm that influences how we communicate with members of other cultures and speakers of other languages. And because most of the flatteners are either technologies themselves or technology-driven, technical and professional communicators need to leverage these technologies to serve global audiences.Similarly, we are inundated with information about world crises involving health and safety issues. These crises are driven by the effects of terrorism, the aging population, HIV/AIDS, and both human-made and natural disasters. These issues are becoming more visible because they are literally matters of life and death. Furthermore, they are of special concern to audiences that technical and professional communicators have little experience targeting - the shapers of public policy,

seniors, adolescents, and those affected by disaster.Biotechnology is another area that has provided new roles for technical and professional communicators. We are only beginning to understand how to communicate the science accurately without either deceiving or panicking our audience. We need to develop a more sophisticated understanding of how communication can shape reactions to biotechnology developments. Confronting this complex network of issues, we're challenged to fashion both our message and the audience's perceptions ethically.Finally, today's corporate environment is being shaped by technology and the global nature of business. Technical and professional communicators can play a role in capturing and managing knowledge, in using technology effectively in the virtual workplace, and in understanding how language shapes organizational culture.

97 Things Every Cloud Engineer Should Know - Emily Freeman 2020-12-04
If you create, manage, operate, or configure systems running in the cloud, you're a cloud engineer--even if you work as a system administrator, software developer, data scientist, or site reliability engineer. With this book, professionals from around the world provide valuable insight into today's cloud engineering role. These concise articles explore the entire cloud computing experience, including fundamentals, architecture, and migration. You'll delve into security and compliance, operations and reliability, and software development. And examine networking, organizational culture, and more. You're sure to find 1, 2, or 97 things that inspire you to dig deeper and expand your own career. "Three Keys to Making the Right Multicloud Decisions," Brendan O'Leary "Serverless Bad Practices," Manases Jesus Galindo Bello "Failing a Cloud Migration," Lee Atchison "Treat Your Cloud Environment as If It Were On Premises," Iyana Garry "What Is Toil, and Why Are SREs Obsessed with It?", Zachary Nickens "Lean QA: The QA Evolving in the DevOps World," Theresa Neate "How Economies of Scale Work in the Cloud," Jon Moore "The Cloud Is Not About the Cloud," Ken Corless "Data Gravity: The Importance of Data Management in the Cloud," Geoff Hughes "Even in the Cloud, the Network Is the Foundation," David Murray "Cloud Engineering Is About Culture, Not Containers," Holly Cummins

The American Psychiatric Association Practice Guidelines for the Psychiatric Evaluation of Adults, Third Edition - American Psychiatric Association 2015-07-29
Since the publication of the Institute of Medicine (IOM) report Clinical Practice Guidelines We Can Trust in 2011, there has been an increasing emphasis on assuring that clinical practice guidelines are trustworthy, developed in a transparent fashion, and based on a systematic review of the available research evidence. To align with the IOM recommendations and to meet the new requirements for inclusion of a guideline in the National Guidelines Clearinghouse of the Agency for Healthcare Research and Quality (AHRQ), American Psychiatric Association (APA) has adopted a new process for practice guideline development. Under this new process APA's practice guidelines also seek to provide better clinical utility and usability. Rather than a broad overview of treatment for a disorder, new practice guidelines focus on a set of discrete clinical questions of relevance to an overarching subject area. A systematic review of evidence is conducted to address these clinical questions and involves a detailed assessment of individual studies. The quality of the overall body of evidence is also rated and is summarized in the practice guideline. With the new process, recommendations are determined by weighing potential benefits and harms of an intervention in a specific clinical context. Clear, concise, and actionable recommendation statements help clinicians to incorporate recommendations into clinical practice, with the goal of improving quality of care. The new practice guideline format is also designed to be more user friendly by dividing information into modules on specific clinical questions. Each module has a consistent organization, which will assist users in finding clinically useful and relevant information quickly and easily. This new edition of the practice guidelines on psychiatric evaluation for adults is the first set of the APA's guidelines developed under the new guideline development process. These guidelines address the following nine topics, in the context of an initial psychiatric evaluation: review of psychiatric symptoms, trauma history, and treatment history; substance use assessment; assessment of suicide risk; assessment for risk of aggressive behaviors; assessment of cultural factors; assessment of medical health; quantitative assessment; involvement of the patient in treatment decision making; and documentation of the psychiatric evaluation. Each guideline recommends or suggests topics to include during an initial psychiatric evaluation. Findings from an expert opinion survey have also been taken into consideration in making recommendations or suggestions. In addition to

reviewing the available evidence on psychiatry evaluation, each guideline also provides guidance to clinicians on implementing these recommendations to enhance patient care.

Speech & Language Processing - Dan Jurafsky 2000-09

Diagnostic and Statistical Manual of Mental Disorders - 2022

"DSM-5-TR includes fully revised text and references, updated diagnostic criteria and ICD-10-CM codes since DSM-5 was published in 2013. It features a new disorder, prolonged grief disorder, as well as codes for suicidal behavior available to all clinicians of any discipline without the requirement of any other diagnosis. With contributions from over 200 subject matter experts, this updated volume boasts the most current text updates based on the scientific literature. Now in four-color and with the ability to authenticate each printed copy, DSM-5-TR provides a cohesive, updated presentation of criteria, diagnostic codes, and text. This latest volume offers a common language for clinicians involved in the diagnosis and study of mental disorders and facilitates an objective assessment of symptom presentations across a variety of clinical settings-inpatient, outpatient, partial hospital, consultation-liaison, clinical, private practice, and primary care. Important updates in DSM-5-TR include 1) fully revised text for each disorder with updated sections on associated features, prevalence, development and course, risk and prognostic factors, culture, diagnostic markers, suicide, differential diagnosis, and more; 2) addition of prolonged grief disorder (PGD) to Section II; 3) over 70 modified criteria sets with helpful clarifications since publication of DSM-5; 4) fully updated Introduction and Use of the Manual to guide usage and provide context for important terminology; 5) considerations of the impact of racism and discrimination on mental disorders integrated into the text; 6) new codes to flag and monitor suicidal behavior, available to all clinicians of any discipline and without the requirement of any other diagnosis; 7) fully updated ICD-10-CM codes implemented since 2013, including over 50 coding updates new to DSM-5-TR for substance intoxication and withdrawal and other disorders"--

The Medical Brief - 1893

The Changing Face of Health Care Social Work, Third Edition - Sophia F. Dziegielewski 2013-05-03
Print+CourseSmart

Strengthening Forensic Science in the United States - National Research Council 2009-07-29
Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.

The American Psychiatric Association Practice Guideline on the Use of Antipsychotics to Treat Agitation or Psychosis in Patients With Dementia - American Psychiatric Association 2016
The guideline offers clear, concise, and actionable recommendation statements to help clinicians to incorporate recommendations into clinical practice, with the goal of improving quality of care. Each recommendation is given a rating that reflects the level of confidence that potential benefits of an intervention outweigh potential harms.

Investment Governance for Fiduciaries - Michael E. Drew 2019-04-22
Governance is a word that is increasingly heard and read in modern times, be it corporate governance, global governance, or investment governance. Investment governance, the central concern of this modest volume, refers to the effective employment of resources—people, policies, processes, and systems—by an individual or governing body (the fiduciary or agent) seeking to fulfil their fiduciary duty to a principal (or beneficiary) in addressing an underlying investment challenge. Effective investment governance is an enabler of good stewardship, and for this reason it should, in our view, be of interest to all fiduciaries, no matter the size of the pool of assets or the nature of the beneficiaries. To emphasize the importance of effective investment governance and to demonstrate its flexibility across organization type, we consider our investment governance process within three contexts: defined contribution (DC) plans, defined benefit (DB) plans, and endowments and foundations (E&Fs). Since the financial crisis of 2007–2008, the financial sector's place in the economy and its methods and ethics have (rightly, in many cases) been under scrutiny. Coupled with this theme, the task of investment governance is of increasing importance due to the sheer weight of money, the retirement savings gap, demographic trends, regulation and activism, and rising standards of behavior based on higher expectations from those fiduciaries serve. These trends are at the same time related and self-reinforcing. Having explored the why of investment governance, we dedicate the remainder of the book to the question of how to bring it to bear as an essential component of good fiduciary practice. At this point, the reader might expect investment professionals to launch into a discussion about an investment process focused on the best way to capture returns. We resist this temptation. Instead, we contend that achieving outcomes on behalf of beneficiaries is as much about managing risks as it is about capturing returns—and we mean "risks" broadly construed, not just fluctuations in asset values.

Core Entrustable Professional Activities for Entering Residency - Association of American Medical Colleges 2014-05-28
This landmark publication published by the AAMC identifies a list of integrated activities to be expected of all M.D. graduates making the transition from medical school to residency. This guide delineates 13 Entrustable Professional Activities (EPAs) that all entering residents should be expected to perform on day 1 of residency without direct supervision regardless of specialty choice.The Core EPAs for Entering Residency are designed to be a subset of all of the graduation requirements of a medical school. Individual schools may have additional mission-specific graduation requirements, and specialties may have specific EPAs that would be required after the student has made the specialty decision but before residency matriculation. The Core EPAs may also be foundational to an EPA for any practicing physician or for specialty-specific EPAs.Update: In August 2014, the AAMC selected ten institutions to join a five-year pilot to test the implementation of the Core Entrustable Professional Activities (EPAs) for Entering Residency. More than 70 institutions, representing over half of the medical schools accredited by the U.S. Liaison Committee on Medical Education (LCME), applied to join the pilot, demonstrating the significant energy and enthusiasm towards closing the gap between expectations and performance for residents on day one. The cohort reflects the breadth and diversity of the applicant pool, and the institutions selected are intended to complement each other through the unique qualities and skills that each team and institution brings to the pilot.Faculty and Learners' Guide (69 pages) - Developing faculty: The EPA descriptions, the expected behaviors, and the vignettes are expected to serve as the foundation for faculty development. Faculty can use this guide as a reference for both feedback and assessment in pre-clinical and clinical settings.- Developing learners: Learners can also use this document to understand the core of what is expected of them by the time they graduate. The EPA descriptions themselves delineate the expectations, while the developmental progression laid out from pre-entrustable to entrustable behaviors can serve as the roadmap for achieving them.

Air Service Information Circular - 1922

The Handbook of Patient Safety Compliance - Fay A. Rozovsky 2005-03-04
Written for virtually every professional and leader in the healthcare field, as well as students who are preparing for careers inhealth services delivery, this book presents a framework fordeveloping a patient safety program, shows how best to examineevents that do occur, and reveals how to ensure that appropriatecorrective and preventative actions are reviewed for effectiveness.The book covers a comprehensive selection of topics including The link between patient safety and legal and

regulatorycompliance The role of accreditation and standard-setting organizations inpatient safety Failure modes and effect analysis Voluntary and regulatory oversight of medical error Evidence-based outcomes and standards of care Creation and preservation of reports, data, and device evidencein medical error situations Claims management when dealing with patient safety events Full disclosure Patient safety in human research Managing confidentiality in the face of litigation Managing patient safety compliance through accountability-basedcredentialing for health care professionals Planning for the future

Data-intensive Text Processing with MapReduce - Jimmy Lin 2010
Our world is being revolutionized by data-driven methods: access to large amounts of data has generated new insights and opened exciting new opportunities in commerce, science, and computing applications. Processing the enormous quantities of data necessary for these advances requires large clusters, making distributed computing paradigms more crucial than ever. MapReduce is a programming model for expressing distributed computations on massive datasets and an execution framework for large-scale data processing on clusters of commodity servers. The programming model provides an easy-to-understand abstraction for designing scalable algorithms, while the execution framework transparently handles many system-level details, ranging from scheduling to synchronization to fault tolerance. This book focuses on MapReduce algorithm design, with an emphasis on text processing algorithms common in natural language processing, information retrieval, and machine learning. We introduce the notion of MapReduce design patterns, which represent general reusable solutions to commonly occurring problems across a variety of problem domains. This book not only intends to help the reader "think in MapReduce", but also discusses limitations of the programming model as well. This volume is a printed version of a work that appears in the Synthesis Digital Library of Engineering and Computer Science. Synthesis Lectures provide concise, original presentations of important research and development topics, published quickly, in digital and print formats. For more information visit www.morganclaypool.com

Charity Care - Sandra J. Wolfskill 2005
Your hospital doesn't have to lose millions of dollars every year providing care to the uninsured. Charity care for the uninsured patient population is a universal problem for healthcare providers. Now you don't have to struggle through this controversial issue any longer. "Charity Care: Tools for Managing the Uninsured Population"provides strategies and case studies you can use to meet the challenges inherent in providing charity care. This comprehensive resource will help you assess risk and develop appropriate policies and procedures to educate your revenue cycle team. Healthcare financial management and consulting expert Sandra Wolfskill, FHFMA, provides best practices, case studies, and sample policies and forms to help you build or refine the foundation of your charity care program. All of the files are included on an accompanying CD-ROM so you can download, customize, and use the tools you need right away.Tools you need to get the job done "Charity Care: Tools to Manage the Uninsured Population"gives you contemporary insights into the charity care issues you face every day. It provides: best practices risk assessments implementation guides to assist in redesigning your approach to charity-related activities case studies that highlight what your peers have done to address charity care claim processing Table of Contents Chapter 1: Introduction to charity care issues The human equation Uncompensated care Changes in the charity-care arena Tax exempt status-federal level Chapter 2: Legal background Hospital charges Class action litigation and the uninsured The government reaction to the uninsured Knowing what information is public Chapter 3: Accounting principles and state programs Applicable accounting principles Accounting principles for charity care State laws and programs Chapter 4: Strategies to assess risk and identify opportunities for improvement Identify current charity care processes The risk assessment process Chapter 5: Best practices: The ideal revenue cycle and charity processing Pre-service processing: Scheduled patient workflow Time of service processing: Scheduled patient workflow Time of service processing: Unscheduled patient workflow Post-service processing Charity policies and procedures Charity eligibility processing: Eligibility scales and forms Chapter 6: Implementing contemporary financial assistance policies and procedures Getting started Pre-service process Time of service process Post-service process Communicating with patients and physicians Outsourcing charity processing Chapter 7: Case studies Case study 1: Camden-Clark Memorial Hospital Case study 2: "Hospital"-regional medical center Case study 3: West Virginia University Hospitals and University Health Associates You'll discover strategies

to initiate and implement change in the way your hospital delivers charity care, improve operations, and increase patient satisfaction with the hospital's billing and collections operation. Chief financial officers, PFS directors, revenue cycle directors, billing and collection managers, and anyone involved in making decisions about your organization's charity care position will find "Charity Care: " Tools for Managing the Uninsured Population an invaluable investment."

Geotechnical Instrumentation for Monitoring Field Performance - John Dunnicliff 1993-10-06
The first book on the subject written by a practitioner forpractitioners. Geotechnical Instrumentation for Monitoring FieldPerformance Geotechnical Instrumentation for Monitoring FieldPerformance goes far beyond a mere summary of the technicalliterature and manufacturers' brochures: it guides readersthrough the entire geotechnical instrumentation process, showingthem when to monitor safety and performance, and how to do it well.This comprehensive guide: * Describes the critical steps of planning monitoring programsusing geotechnical instrumentation, including what benefits can beachieved and how construction specifications should bewritten * Describes and evaluates monitoring methods and recommendsinstruments for monitoring groundwater pressure, deformations,total stress in soil, stress change in rock, temperature, and loadand strain in structural members * Offers detailed practical guidelines on instrument calibrations,installation and maintenance, and on the collection, processing,and interpretation of instrumentation data * Describes the role of geotechnical instrumentation during theconstruction and operation phases of civil engineering projects,including braced excavations, embankments on soft ground,embankment dams, excavated and natural slopes, undergroundexcavations, driving piles, and drilled shafts * Provides guidelines throughout the book on the best practices

Energy Research Abstracts - 1984
Semiannual, with semiannual and annual indexes. References to all scientific and technical literature coming from DOE, its laboratories, energy centers, and contractors. Includes all works deriving from DOE, other related government-sponsored information, and foreign nonnuclear information. Arranged under 39 categories, e.g., Biomedical sciences, basic studies; Biomedical sciences, applied studies; Health and safety; and Fusion energy. Entry gives bibliographical information and abstract. Corporate, author, subject, report number indexes.

Transportation Planning Handbook - ITE (Institute of Transportation Engineers) 2016-07-11
A multi-disciplinary approach to transportation planningfundamentals The Transportation Planning Handbook is a comprehensive,practice-oriented reference that presents the fundamental conceptsof transportation planning alongside proven techniques. This newfourth edition is more strongly focused on serving the needs of allusers, the role of safety in the planning process, andtransportation planning in the context of societal concerns,including the development of more sustainable transportationsolutions. The content structure has been redesigned with a newformat that promotes a more functionally driven multimodal approachto planning, design, and implementation, including guidance towardthe latest tools and technology. The material has been updated toreflect the latest changes to major transportation resources suchas the HCM, MUTCD, HSM, and more, including the most current ADAaccessibility regulations. Transportation planning has historically followed the rationalplanning model of defining objectives, identifying problems,generating and evaluating alternatives, and developing plans.Planners are increasingly expected to adopt a moremulti-disciplinary approach, especially in light of the risingimportance of sustainability and environmental concerns. This bookpresents the fundamentals of transportation planning in amultidisciplinary context, giving readers a practical reference forday-to-day answers. Serve the needs of all users Incorporate safety into the planning process Examine the latest transportation planning softwarepackages Get up to date on the latest standards, recommendations, andcodes Developed by The Institute of Transportation Engineers, thisbook is the culmination of over seventy years of transportationplanning solutions, fully updated to reflect the needs of achanging society. For a comprehensive guide with practical answers,The Transportation Planning Handbook is an essentialreference.

The Ultimate Guide To Choosing a Medical Specialty - Brian Freeman 2004-01-09
The first medical specialty selection guide written by residents for students! Provides an inside look at the issues surrounding medical specialty selection, blending first-hand knowledge with useful facts and

statistics, such as salary information, employment data, and match statistics. Focuses on all the major specialties and features firsthand portrayals of each by current residents. Also includes a guide to personality characteristics that are predominate with practitioners of each specialty. "A terrific mixture of objective information as well as factual data make this book an easy, informative, and interesting read." -- Review from a 4th year Medical Student

Saunders Medical Office Management - E-Book - Alice Anne Andress 2013-08-07
With proven techniques and professional insight, this one-of-a-kind resource is your complete guide to ensuring both effective patient care and sound business practices in the medical facility. From the front office to financial management, each detailed chapter addresses the interpersonal and administrative concerns you'll face in the management of a medical office, accompanied by realistic forms, letters, and procedural policies that help you prepare for on-the-job success. This new edition keeps you up to date on emerging developments in billing and coding, documentation, ethical and legal issues, and technological advances to help you keep your medical office at the forefront of the competitive health care field. Manager's Alert boxes detail measures to help you avoid complications and prevent potential emergencies. From the Expert's Notebook boxes help you build daily decision-making skills with helpful tips, suggestions, and insights drawn from real-world practice. Exercises at the end of each chapter reinforce concepts and help you assess your understanding. Detailed appendices provide fast, easy access to commonly used abbreviations and symbols, Medicare information, helpful websites, and answers to the end-o-f-chapter exercises, as well as a sample procedure and policy manual to guide you in developing your own practices. Written Communication chapter helps you ensure proper communication and documentation in the health care facility. Updated content in the Medical Record chapter familiarizes you with the latest information on the electronic medical record. The updated Billing, Coding, and Collections chapter keeps you up to date with the latest coding and insurance forms (CMS 1500). Coverage of current legal and ethical issues and emerging technology in the medical office keep you apprised of recent developments.

American Psychiatric Association Practice Guidelines - American Psychiatric Association 1996
The aim of the American Psychiatric Association Practice Guideline series is to improve patient care. Guidelines provide a comprehensive synthesis of all available information relevant to the clinical topic. Practice guidelines can be vehicles for educating psychiatrists, other medical and mental health professionals, and the general public about appropriate and inappropriate treatments. The series also will identify those areas in which critical information is lacking and in which research could be expected to improve clinical decisions. The Practice Guidelines are also designed to help those charged with overseeing the utilization and reimbursement of psychiatric services to develop more scientifically based and clinically sensitive criteria.

Introduction to Information Retrieval - Christopher D. Manning 2008-07-07
Class-tested and coherent, this textbook teaches classical and web information retrieval, including web search and the related areas of text classification and text clustering from basic concepts. It gives an up-to-date treatment of all aspects of the design and implementation of systems for gathering, indexing, and searching documents; methods for evaluating systems; and an introduction to the use of machine learning methods on text collections. All the important ideas are explained using examples and figures, making it perfect for introductory courses in information retrieval for advanced undergraduates and graduate students in computer science. Based on feedback from extensive classroom experience, the book has been carefully structured in order to make teaching more natural and effective. Slides and additional exercises (with solutions for lecturers) are also available through the book's supporting website to help course instructors prepare their lectures.

Measuring Productivity - OECD Manual Measurement of Aggregate and Industry-level Productivity Growth - OECD 2001-07-16
This manual presents the theoretical foundations to productivity measurement, and discusses implementation and measurement issues.

International Record of Medicine and General Practice Clinics - Frank Pierce Foster 1907

Report of the Presidential Commission on the Space Shuttle Challenger Accident - DIANE Publishing Company 1995-07
Reviews the circumstances surrounding the Challenger accident to establish the probable cause or causes of the accident. Develops recommendations for corrective or other action based upon the Commission1s findings and determinations. Color photos, charts and tables.

Administrative Medical Assisting - Marilyn Takahashi Fordney 2003-07
Administrative Medical Assisting, 5th edition, is the most comprehensive, hands-on text and workbook learning package available for medical office administration students and professionals. The text features a new chapter on office managerial responsibilities, compliance topics integrated throughout the text, and content on computer use in the medical office integrated within the chapters. The text emphasizes a customer-service approach to the provision of health care. Guidelines leading to an improved health care consumer/provider relationship are included in each chapter. Icons identify content on legal issues, patient education, computer applications, related workbook exercises, and resources. Job skills are provided in a step-by-step format.

Reproducible Research with R and RStudio - Christopher Gandrud 2020-02-21
Praise for previous editions: "Gandrud has written a great outline of how a fully reproducible research project should look from start to finish, with brief explanations of each tool that he uses along the way... Advanced undergraduate students in mathematics, statistics, and similar fields as well as students just beginning their graduate studies would benefit the most from reading this book. Many more experienced R users or second-year graduate students might find themselves thinking, 'I wish I'd read this book at the start of my studies, when I was first learning R!'...This book could be used as the main text for a class on reproducible research ..." (The American Statistician) Reproducible Research with R and R Studio, Third Edition brings together the skills and tools needed for doing and presenting computational research. Using straightforward examples, the book takes you through an entire reproducible research workflow. This practical workflow enables you to gather and analyze data as well as dynamically present results in print and on the web. Supplementary materials and example are available on the author's website. New to the Third Edition Updated package recommendations, examples, URLs, and removed technologies no longer in regular use. More advanced R Markdown (and less LaTeX) in discussions of markup languages and examples. Stronger focus on reproducible working directory tools. Updated discussion of cloud storage services and persistent reproducible material citation. Added discussion of Jupyter notebooks and reproducible practices in industry. Examples of data manipulation with Tidyverse tibbles (in addition to standard data frames) and pivot_longer() and pivot_wider() functions for pivoting data. Features Incorporates the most important advances that have been developed since the editions were published Describes a complete reproducible research workflow, from data gathering to the presentation of results Shows how to automatically generate tables and figures using R Includes instructions on formatting a presentation document via markup languages Discusses cloud storage and versioning services, particularly Github Explains how to use Unix-like shell programs for working with large research projects

DICOM Structured Reporting - David A. Clunie 2000