Principles and Practice of Pediatric Infectious Diseases, 5th Edition, by Drs. Sarah Long, Charles Prober, and Marc Fischer, is your go-to resource for authoritative information on infectious diseases in children and adolescents. A veritable "who's who" of global authorities provides the practical knowledge you need to understand, diagnose, and manage almost any pediatric infectious disease you may encounter. Features a consistent, easy-access format with high-yield information boxes, highlighted key points, and an abundance of detailed illustrations and at-a-glance tables. Allows quick look-up by clinical presentation, pathogen, or type of host. Includes coverage of the latest vaccine products, recommendations, and effectiveness as well as expanded diagnostics and therapies for autoinflammatory/periodic fever syndromes. Covers emerging viruses such as Zika, Ebola, and EV-D68, as well as infectious risks of immunomodulating drugs and expanding antimicrobial resistance patterns. Discusses expanding antimicrobial resistance patterns and new therapies for viral and fungal infections and resistant bacterial infections. A comprehensive and interdisciplinary guide to systems engineering Systems Engineering: Principles and Practice, 3rd Edition is the leading interdisciplinary reference for systems engineers. The up-to-date third edition provides readers with discussions of model-based systems engineering, requirements analysis, engineering design, and software design. Freshly updated governmental and commercial standards, architectures, and processes are covered in-depth. The book includes newly updated topics on: Risk Prototyping Modeling and simulation Software/computer systems engineering Examples and exercises appear throughout the text, allowing the reader to gauge their level of retention and learning. Systems Engineering: Principles and Practice was and remains the standard textbook used worldwide for the study of traditional systems engineering. The material is organized in a manner that allows for quick absorption of industry best practices and methods. Throughout the book, best practices and relevant alternatives are discussed and compared, encouraging the reader to think through various methods like a practicing systems engineer. Health Protection: Principles and practice is a practical guide for practitioners working at all levels in public health and health protection, including those with a non-specialist background. It is the first textbook in health protection to address all three domains within the field (communicable disease control; emergency preparedness, resilience and response (EPRR); and environmental public health) in a comprehensive and integrated manner. Written by leading practitioners in the field, the book is rooted in a practice-led, all-hazards approach, which allows for easy real-world application of the topics discussed. The chapters are arranged in six sections, which begin with an in-depth introduction to the principles of health protection and go on to illuminate the three key elements of the field by providing: case studies and scenarios to describe common and important issues in the practice of health protection; health protection tools, which span epidemiology and statistics, infection control, immunisation, disease surveillance, and audit and service improvement; and evidence about new and emerging health protection issues. It includes more than 100 health protection checklists (SIMCARDs), covering infections from anthrax to yellow fever, non-infectious diseases emergencies and environmental hazards. Written from first-hand experience of managing communicable diseases these provide practical, stand-alone quick reference guides for in-practice use. Both the topical content of Health Protection: Principles and practice, and the clearly described health protection principles
the book provides, makes it a highly relevant resource for wider public health and health protection professionals in this continually evolving field. Sustainability Principles and Practice gives an accessible and comprehensive overview of the interdisciplinary field of sustainability. The focus is on furnishing solutions and equipping students with both conceptual understanding and technical skills. Each chapter explores one aspect of the field, first introducing concepts and presenting issues, then supplying tools for working toward solutions. Elements of sustainability are examined piece by piece, and coverage ranges over ecosystems, social equity, environmental justice, food, energy, product life cycles, cities, and more. Techniques for management and measurement as well as case studies from around the world are provided. The 3rd edition includes greater coverage of resilience and systems thinking, an update on the Anthropocene as a formal geological epoch, the latest research from the IPCC, and a greater focus on diversity and social equity, together with new details such as sustainable consumption, textiles recycling, microplastics, and net-zero concepts. The coverage in this edition has been expanded to include issues, solutions, and new case studies from around the world, including Europe, Asia, and the Global South. Chapters include further reading and discussion questions. The book is supported by a companion website with online links, annotated bibliography, glossary, white papers, and additional case studies, together with projects, research problems, and group activities, all of which focus on real-world problem-solving of sustainability issues. This textbook is designed to be used by undergraduate college and university students in sustainability degree programs and other programs in which sustainability is taught. The text material has been restructured to provide a more balanced and exhaustive coverage of the subject. The text discusses the core concepts of technical communication and explains them with the help of numerous examples and practice exercises. The book also provides support for soft skills laboratory sessions through a companion CD. With its in-depth coverage and practical orientation, the book is useful not only for students, but also as a reference material for corporate training programmes. The ninth edition of McGraw-Hill's leading textbook, Principles and Practice of Marketing, provides a contemporary and modern introduction to marketing. Covering the importance of customer value alongside the 4Ps, this authoritative text provides students with a core understanding of the wider context of marketing operations within companies, illustrated with innovative examples of marketing in practice. It has been updated with the latest developments, such as trends towards social and ethical marketing and cutting-edge technological change. Incorporating a wealth of knowledge from international experts, this is an authoritative guide to provide a comprehensive overview of professional coaching. Grounded in current research, it addresses the historical, ethical, theoretical, and practice foundations of professional coaching, and examines such key therapeutic approaches as acceptance and commitment, internal family systems, psychodynamic, and interpersonal. In easily accessible language, the book discusses core considerations for effective practice such as presence, meaning-making, mindfulness, emotions, self-determination, and culture. The reference examines the variety of practice settings for the profession, including executive, life/personal, health/wellness, spiritual, team, education, and career coaching, along with critical issues such as research advances, credentialing, and training. Further contributing to coaching savvy, the book has techniques for measuring client progress, applications of adult development, intentional change theory, and more. Chapters include recommendations for further reading. Key Features: Provides a comprehensive overview of a fast-growing field. Includes contributions from international experts. Covers historical, professional, philosophical, and theoretical foundations as well as important applications and practice settings. Includes suggestions for further reading. The second edition of this innovative work again provides a unique perspective on the clinical discovery process by providing input from experts within the NIH on the principles and practice of clinical research. Molecular medicine, genomics, and proteomics have opened vast opportunities for translation of basic science observations to the bedside through clinical research. As an introductory reference it gives clinical investigators in all fields an awareness of the tools required to ensure research protocols are well designed and comply with the rigorous regulatory requirements necessary to maximize the safety of research subjects. Complete with sections on the history of clinical research and ethics, copious figures and charts, and sample documents it serves as an excellent companion text for any course on clinical research and as a must-have reference for seasoned researchers. *Incorporates new chapters on Managing Conflicts of Interest in Human Subjects Research, Clinical Research from the Patient's Perspective, The Clinical Researcher and the Media, Data Management in Clinical Research, Evaluation of a Protocol Budget, Clinical Research from the Industry Perspective, and Genetics in Clinical Research. *Addresses the vast opportunities for translation of basic science observations to the bedside through clinical research. *Delves into data management and addresses how to collect data and use it for discovery. *Contains valuable, up-to-date information on how to obtain funding from the federal government. This book is a bible for nurture group enthusiasts and should be essential reading for anybody who has the desire to make a significant impact in the area of social change. The objective of this book is to provide an up-to-date survey of developments in computer security. Central problems that confront security designers and security administrators include defining the threats to computer and network systems, evaluating the relative risks of these threats, and developing cost-effective and user friendly countermeasures. The inventor of C++ gives perhaps the most important introduction to programming ever written. This edition has been expertly updated to reflect the important developments in digital and mobile technologies and
social media. The ease with which recordings, audio or video, as well as photographs, can be produced via the use of mobile devices has opened up new tools and foci for ethnographers. ‘Journalism’ offers a wide-ranging introduction to journalism, which combines the experience and advice of practising journalists with insights gained by its academic study. A third edition of this popular text which provides a foundation in electronic and electrical engineering for HND and undergraduate students. The book offers exceptional breadth of coverage without sacrificing depth. It uses a wealth of practical examples to illustrate the theory, and makes no excessive demands on the reader’s mathematical skills. Ideal as a teaching tool or for self-study. The present volume examines the relationship between second language practice and what is known about the process of second language acquisition, summarising the current state of second language acquisition theory, drawing general conclusions about its application to methods and materials and describing what characteristics effective materials should have. The author concludes that a solution to language teaching lies not so much in expensive equipment, exotic new methods, or sophisticated language analysis, but rather in the full utilisation of the most important resources – native speakers of the language - in real communication. First Published in 2001. Routledge is an imprint of Taylor & Francis, an informa company. The 6th edition of this successful textbook, first published in 1997, includes up-dated material on many issues as well as new chapters on lecturing techniques, intelligence, the "nature versus nurture" debate, computer-assisted learning and study techniques. New material is provided on the following areas: advances in teaching theory relating to memory, the transfer of training, research relating to conditioning theory, discipline in colleges and adult learning. All reading references have been thoroughly up-dated and the book has a new appendix, including new "topics for discussion." This text reviews late-1990s published work on the nature and power of reflection-on-practice. It portrays the claims being made for investing in the development of reflective health care practitioners and sets out clearly what reflective practice is and is not. Principles and Practice of Surgery is the surgical companion textbook to the international medical bestseller Davidson’s Principles and Practice of Medicine. It is a comprehensive textbook for both the surgical student and trainee, guiding the reader through key core surgical topics which are encountered throughout an integrated medical curriculum as well as in subsequent clinical practice. Although sharing the same format and style as Davidson’s Principles and Practice of Medicine, this text is complete in itself, thus enabling the student to appreciate both the medical and surgical implications of diseases encountered in surgical wards. A three-section textbook of surgical principles and regional clinical surgery. Superbly presented with line drawings, high quality radiographic images and colour photographs. Presented in similar form to its sister textbook Davidson’s Principles and Practice of Medicine. Full online text version as part of Student Consult The contents have been restructured into three sections – Principles of Perioperative care, Gastrointestinal Surgery, and Surgical Specialties. Two new chapters have rationalised and amalgamated information on the Metabolic response to injury and Ethics and pre-operative considerations to avoid repetition. Throughout the text has been altered to reflect changes in understanding, evidence and practice, and to keep the contents in line with undergraduate and postgraduate surgical curricula A substantial number of new illustrations have been added to give better consistency and improved image quality. The evidence-based revision boxes that focus on major international guidelines have been thoroughly updated. Since the first edition of this established text was published in 1988, action research has gained ground as a popular method amongst educational researchers, and in particular for practising teachers doing higher-level courses. In this new edition Jean McNiff provides updates on methodological discussions and includes new sections of case study material and information on supporting action research. The book raises issues about how action research is theorised, whether it is seen as a spectator discipline or as a real life practice, and how practitioners position themselves within the debate. It discusses the importance for educators of understanding their own work and showing how their educative influence can lead to the development of good orders in formal and informal learning settings and in the wider community. This second edition comes at a time when, after years of debate over what counts as action research, it is now considered an acceptable and useful part of mainstream research practice. This fully updated new edition offers a comprehensive, accessible, yet rigorous introduction to the study of Early Childhood that will will add value to any Early Childhood Studies course at both foundation and degree level. Addressing both care and education in the Early Years, the book considers a range of multi-disciplinary aspects of Early Childhood; including health, social, educational, psychological and sociological perspectives. Early Childhood Studies engages the reader by providing real-world examples that underpin theoretical perspectives and bring examples to life, while encouraging practitioners to engage in reflective practice by considering their own similar experiences. Key features include: Engaging activities and case studies that bring theory to life Cutting-edge research Practical tasks and advice with points for further reading End of chapter summaries, Reflective Tasks and Study Skills boxes in each chapter Full colour illustrations throughout This core introductory textbook is an indispensable resource for Early Years’ students and professionals, whatever their level of expertise or experience. For nearly 30 years, Dr. Meir Kryger’s must-have guide to sleep medicine has been the gold standard in this fast-changing field. This essential, full-color reference includes more than 20 unique sections and over 170 chapters covering every aspect of sleep disorders, giving you the authoritative guidance you need to offer your patients the best possible care. Evidence-based content helps you make the most well-informed clinical decisions. An ideal
resource for preparing for the sleep medicine fellowship examination. New content on sleep apnea, neurological disorders, legal aspects of sleep medicine, dental sleep medicine genetics, circadian disorders, geriatrics, women’s health, cardiovascular diseases, and occupational sleep medicine, keeps you fully up to date. Updates to scientific discoveries and clinical approaches ensure that you remain current with new knowledge that is advancing the diagnosis and management of sleep disorders. The present volume examines the relationship between second language practice and what is known about the process of second language acquisition, summarising the current state of second language acquisition theory, drawing general conclusions about its application to methods and materials and describing what characteristics effective materials should have. The author concludes that a solution to language teaching lies not so much in expensive equipment, exotic new methods, or sophisticated language analysis, but rather in the full utilisation of the most important resources - native speakers of the language - in real communication. More than two million medical students, doctors and other health professionals around the globe have owned a copy of Davidson’s Principles and Practice of Medicine since it was first published. Now in its 23rd Edition, this textbook describes the pathophysiology and clinical features of the most frequently encountered conditions in the major specialties of adult medicine and explains how to recognise, investigate, diagnose and manage them. Taking its origins from Sir Stanley Davidson’s much-admired lecture notes, Davidson’s has endured because it keeps pace with how modern medicine is taught and provides a wealth of information in an easy-to-read, concise and beautifully illustrated format. This book will serve readers everywhere as a core text that integrates medical science with clinical medicine, conveying key knowledge and practical advice in a highly accessible and readable format. The opening section describes the fundamentals of genetics, immunology, infectious diseases and population health, and discusses the core principles of clinical decision-making and good prescribing. A new second section on emergency and critical care medicine encompasses poisoning, envenomation and environmental medicine, and introduces a new chapter on acute medicine and critical illness. The third section covers the major medical specialties, each thoroughly revised and brought fully up to date. Two new chapters on maternal and adolescent/transition medicine complement the one on ageing and disease. A new chapter on medical ophthalmology has been included. Clinical Examination overviews summarise the main elements for each system and now feature in the biochemistry, nutrition and dermatology chapters. Presenting Problems sections provide a clear pathway for the assessment of and approach to the most common complaints in each specialty. Practice Point summaries detail the practical skills that medical students and junior doctors must acquire. Emergency boxes emphasise the core knowledge needed to manage acutely ill patients. In Old Age, In Pregnancy and In Adolescence boxes highlight differences in the practice of medicine in these patient groups, and illustrate the interfaces between medical, obstetric and paediatric services. The text is extensively illustrated, with over 1000 diagrams, clinical photographs, and radiology and pathology images. The global perspective is enhanced by an International Advisory Board of experts from 17 countries, and by authors from around the world. This book is open access under a CC BY 4.0 license. This volume describes and explains the educational method of Case-Based Clinical Reasoning (CBCR) used successfully in medical schools to prepare students to think like doctors before they enter the clinical arena and become engaged in patient care. Although this approach poses the paradoxical problem of a lack of clinical experience that is so essential for building proficiency in clinical reasoning, CBCR is built on the premise that solving clinical problems involves the ability to reason about disease processes. This requires knowledge of anatomy and the working and pathology of organ systems, as well as the ability to regard patient problems as patterns and compare them with instances of illness scripts of patients the clinician has seen in the past and stored in memory. CBCR stimulates the development of early, rudimentary illness scripts through elaboration and systematic discussion of the courses of action from the initial presentation of the patient to the final steps of clinical management. The book combines general backgrounds of clinical reasoning education and assessment with a detailed elaboration of the CBCR method for application in any medical curriculum, either as a mandatory or as an elective course. It consists of three parts: a general introduction to clinical reasoning education, application of the CBCR method, and cases that can used by educators to try out this method. Waring copy 4: gift of Dr. Marion C. Anderson (2000). Rating Valuation: Principles and Practice has long been the standard go-to guide for both students studying rating valuation and practitioners needing a comprehensive reference book covering rating law, valuation and, importantly, practice. This fourth edition brings the reader up to date with the changes for the 2017 Rating Revaluation, including the new Check, Challenge and Appeal procedures, and developments in case law, as well as highlights the differences between the law in England and Wales. A comprehensive chapter on Northern Ireland rating has been added to this edition. Starting with the basics, the book goes on to provide more in-depth detail for advanced readers, using clear, accessible and engaging analysis and example valuations throughout to break down what many see as a complex subject. Whether you are studying to pass your APC, or just want an overview of the changes taken in by the latest revaluation, Rating Valuation: Principles and Practice will give you all you need to understand rating valuation. Rev. ed. of: Principles and practice of public health survrveillance / edited by Steven M. Teutsch, R. Elliott Churchill. 2nd ed. 2000. A core text for learners taking the CTLLS or NVQ in Learning and Development and assessors working towards the associate teaching role in the LLS. Digital libraries are now a
reality and yet their implementation and use is still not at an optimum. This text examines the various options for setting up digital libraries from digitising information in the first place to providing the interface to access the information held by the digital global library. When you think of marketing you may think of the adverts that pop up at the side of your screen or the billboards you see when you're out - all those moments in the day when somebody is trying to grab your attention and sell you something! Marketing is about advertising and communications in part, but it's also about many other things which all aim to create value for customers, from product research and innovation to after-care service and maintaining relationships. It's a rich and fascinating area of management waiting to be explored - so welcome to Marketing! Jim Blythe's Principles and Practice of Marketing will ease you into the complexities of Marketing to help you achieve success in your studies and get the best grade. It provides plenty of engaging real-life examples, including brands you know such as Netflix and PayPal - marketing is not just about products, but services too. Marketing changes as the world changes, and this textbook is here to help, keeping you up to speed on key topics such as digital technologies, globalization and being green. The companion website offers a wealth of resources for both students and lecturers and is available at www.sagepub.co.uk/blythe3e. An electronic inspection copy is also available for instructors. It is 46 years since the 1st publication of Sir Stanley Davidson's textbook, Principles and Practice of Medicine. Since that time, the book has gone through many changes, establishing an international reputation for innovation and clarity.

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