

Meredith And Shafer Operations Management 4th Edition

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Interfaces - 1999

Production & Operations Management - Upendra Kachru 2009

This book takes a pedagogical approach that is participative and interactive, involving the case study method of learning. Chapters start with an Indian case study of a well known company. This is used as a capstone case for the chapter. The student will find this an easy learning experience as data and additional information for these enterprises is readily available. The selection of such cases makes classroom learning truly suited to the Indian business environment. The value driven approach to Operations Management is used in structuring the text into three modules. The first module discusses the infrastructure function of Operations Management. Infrastructure function is considered to be product, process, capacity and location. Module Two describes the structure of the operations function. This includes quality and other product transformation processes. Module Three focuses on the organization, people and processes i.e. the job, the work, and the workplace. In addition, most of the mathematical techniques have been separated into supplements attached to the relevant chapters. Software solutions for the techniques have been explained in the text. Every mathematical technique is exemplified with a number of solved problems. Unlike many Production and Operations Management texts, this book covers E-commerce, Industrial Safety, Maintenance, Environmental Management (Green Productivity) and new technological trends in the discipline. These sections should add to the significance of exploring how firms can gain competitive advantage and promote sustainable development at the same time. The last section of the book comprises of a selection of cases from The Indian Institute of Management at Ahmedabad. The cases encompass the entire spectrum of Indian Industry the private and the public sectors, professional and family managed business organizations, service and manufacturing industries, single industry and conglomerates. The cases relate to Operations Strategy, Supply Chain Management, Capacity Planning, New Products, Manufacturing Technologies, etc. The Case Studies are of world class. Prof. Tirupati, one of the authors of the case studies, according to Management Science, has penned one of the top 100 management articles in the 50 years. The book is comprehensive, lucid and easy to read and understand. It should be of great value both to students and faculty.

Key Concepts in Organization Theory - Ann L Cunliffe 2012-08-16

Electronic Inspection Copy available for instructors here From agency theory to power and politics, this indispensable guide to the key concepts of organization theory is your compass as you navigate through the often complex and abstract theories about the design and functioning of organizations. Designed to complement and elucidate your textbook or reading list, as well as introduce you to concepts that some courses neglect, this historical and interdisciplinary account of the field: - Helps you understand the basics of organization theory - Allows you to check your understanding of specific concepts - Fills in any gaps left by your course reading, and - Is a powerful revision tool Each entry is consistently structured, providing a definition of the concept and why it's important to theory and practice, followed by a summary of current debates and a list of further reading. This companion will provide you with the nuts and bolts of an understanding that will serve you not just in your organization studies course, but throughout your degree and beyond. Key concepts include: agency theory; business strategy; corporate governance; decision

making; environmental uncertainty; globalization; industrial democracy; organizational change; stakeholder theory; storytelling and narrative research; technology and organization structure.

Operations Management - Robert Dan Reid 2010

With its abundance of step-by-step solved problems, concepts, and examples of major real-world companies, this text brings unparalleled clarity and transparency to the course. In the new Fourth Edition , all aspects of operations management are explained—its critical impact in today's business environments, its relation to every department in an organization, and the importance of an integrated supply chain focus. Quantitative and qualitative topics are balanced, and students are guided through the coursework that will help lay the foundations for their future careers.

Manufacturing Resource Planning (MRP II) - Khalid Sheikh 2003

This reference explains how companies can maximize the money spent on their enterprise resource/materials requirements planning by clarifying the role of each person involved in its implementation. The author offers a thorough explanation of the basics of manufacturing planning systems, providing readers with the framework for understanding the requirements of a well-functioning, integrated system.

Essentials of Inventory Management - Max Muller 2011

Does inventory management sometimes feel like a waste of time? Learn how to maximize your inventory management process to use it as a tool for making important business decisions.

Food Processing Technology - P.J. Fellows 2000-07-11

The first edition of Food Processing Technology was quickly adopted as the standard text by many food science and technology courses. While keeping with the practice of covering the wide range of food processing techniques, this new edition has been substantially expanded to take account of the advances in technology that have taken place since the publication of the first edition. The Second Edition includes new chapters on computer control of processing, novel 'minimal' technologies, and Ohmic heating, and an extended chapter on modified atmosphere packaging. It is a comprehensive - yet basic - text that offers an overview of most unit operations, while at the same time providing details of the processing equipment, operating conditions and the effects of processing on the biochemistry of foods. The book is divided into five parts, in which unit operations are grouped according to the nature of the heat transfer that takes place. Each chapter describes the formulae required for calculation of processing parameters, sample problems, and the effects on sensory characteristics and nutritional properties of selected foods. By combining food processing theory and calculations with descriptions of commercial practice and results of scientific studies, Food Processing Technology: Principles and Practice, Second Edition helps readers make attractive saleable products and extend the shelf-life of foods.

Operations Engineering and Management: Concepts, Analytics and Principles for Improvement - Seyed Iravani 2020-10-16

Discover how to apply engineering thinking and data analytics to business operations This comprehensive textbook shows readers how to develop their engineering thinking and analytics to support making strategic and tactical decisions in managing and control of operations systems and supply chains. The book is created in a modular fashion so that sections and chapters can stand alone and be used within operations

courses across the spectrum. Operations Engineering and Management: Concepts, Analytics and Principles for Improvement is based on the author's successful classes in both business and engineering. The book presents concepts and principles of operations management, with a strong emphasis on analytics and a sharp focus on improving operations. You will explore both the engineering approach to operations (e.g., analytics and engineering thinking) and the classic management approach. • Focuses on teaching and developing strong problem-solving analytics skills • Each section is designed to stand alone and can be used in a wide variety of courses • Written by an operations management and engineering expert

INFORMS Conference Program - Institute for Operations Research and the Management Sciences. National Meeting 2005

Operations Management for MBAs - Jack R. Meredith 2009-11-24

Operations Management for MBAs provides an introduction to the basic concepts of operations management with a strategic, conceptual, and contemporary approach. Specifically written with the needs of MBA students in mind, current topics such as supply chain management, the balanced scorecard, and yield management, as well as those specific to marketing, finance and other majors are explained.

Foundations of Net-Enhanced Organizations - Detmar Straub 2004

Essential e-business strategies in the networked economy Now you can get the knowledge, tools, and strategies you need to do business in the networked economy. FOUNDATIONS OF NET-ENHANCED ORGANIZATIONS explores the ways in which organizations, particularly profit-making organizations, can become technically and operationally proficient in an increasingly networked world. Covering a broad range of topics, this latest addition to Wiley's new series on Net-Enhanced Organization (NEO) provides you with valuable insights into why the revolution in networked enterprises makes sense from an economic standpoint, presents a layman's view of how the underlying information technologies actually work, and equips you with corporate strategies, business models, and marketing tactics for introducing successful net-enhanced systems. Features * Covers a broad selection of topics. * Presents integrated coverage of technology and business models for the net-enhanced organization. * Focuses on proven models and strategies, rather than going into depth on e-business technologies. * A robust Web site presents frequent updates to the text's contents. What's NEO? New technologies, new strategies, new terminologies... The NEO series is designed to help students respond to the latest changes and trends in the rapidly developing field of e-business. The Wiley Series on Net-Enhanced Organizations (NEO) gives students the resources they need to develop a comprehensive understanding of e-business and its technologies underpinnings--essential knowledge in the Internet age.

Business Process Modeling, Simulation and Design - Laguna Manuel 2011

This book covers the design of business processes from a broad quantitative modeling perspective. The text presents a multitude of analytical tools that can be used to model, analyze, understand and ultimately, to design business processes. The range of topics in this text include graphical flowcharting tools, deterministic models for cycle time analysis and capacity decisions, analytical queuing methods, as well as the use of Data Envelopment Analysis (DEA) for benchmarking purposes. And a major portion of the book is devoted to simulation modeling using a state of the art discrete-event simulation package.

Books in Print Supplement - 2002

Project Management in Practice - Samuel J. Mantel 2011

Project Management in Practice, 4th Edition focuses on the technical aspects of project management that are directly related to practice.

Project Management for Engineering, Business and Technology - John M. Nicholas 2020-08-02

Project Management for Engineering, Business and Technology is a highly regarded textbook that addresses project management across all industries. First covering the essential background, from origins and philosophy to methodology, the bulk of the book is dedicated to concepts and techniques for practical application. Coverage includes project initiation and proposals, scope and task definition, scheduling, budgeting, risk analysis, control, project selection and portfolio management, program management, project organization, and all-important "people" aspects—project leadership, team building, conflict

resolution, and stress management. The systems development cycle is used as a framework to discuss project management in a variety of situations, making this the go-to book for managing virtually any kind of project, program, or task force. The authors focus on the ultimate purpose of project management—to unify and integrate the interests, resources and work efforts of many stakeholders, as well as the planning, scheduling, and budgeting needed to accomplish overall project goals. This sixth edition features: updates throughout to cover the latest developments in project management methodologies; a new chapter on project procurement management and contracts; an expansion of case study coverage throughout, including those on the topic of sustainability and climate change, as well as cases and examples from across the globe, including India, Africa, Asia, and Australia; and extensive instructor support materials, including an instructor's manual, PowerPoint slides, answers to chapter review questions and a test bank of questions. Taking a technical yet accessible approach, this book is an ideal resource and reference for all advanced undergraduate and graduate students in project management courses, as well as for practicing project managers across all industry sectors.

QFINANCE: The Ultimate Resource, 4th edition - Bloomsbury Publishing 2013-09-26

QFINANCE: The Ultimate Resource (4th edition) offers both practical and thought-provoking articles for the finance practitioner, written by leading experts from the markets and academia. The coverage is expansive and in-depth, with key themes which include balance sheets and cash flow, regulation, investment, governance, reputation management, and Islamic finance encompassed in over 250 best practice and thought leadership articles. This edition will also comprise key perspectives on environmental, social, and governance (ESG) factors -- essential for understanding the long-term sustainability of a company, whether you are an investor or a corporate strategist. Also included: Checklists: more than 250 practical guides and solutions to daily financial challenges; Finance Information Sources: 200+ pages spanning 65 finance areas; International Financial Information: up-to-date country and industry data; Management Library: over 130 summaries of the most popular finance titles; Finance Thinkers: 50 biographies covering their work and life; Quotations and Dictionary.

How to Get Into the Top MBA Programs, 5th Edition - Richard Montauk 2010-08-03

Surefire Strategies for Getting Into the Top MBA Programs Now with new and expanded information on international MBA programs, comprehensive rankings of the leading schools, and new interviews with admissions officers, How to Get Into the Top MBA Programs provides a complete overview of what the top schools look for. This book features a step-by-step guide to the entire application process with in-depth advice from more than thirty admissions directors. It shows you how to: ? Develop your optimal marketing strategy ? Assess and upgrade your credentials ? Choose the programs that are right for you ? Write quality essays for maximum impact ? Choose and manage your recommenders ? Ace your interviews Prepare for business school and get the most out of your program once you go.

Production and Operations Management - Norman Gaither 1984

Operations and Supply Chain Management for MBAs - Jack R. Meredith 2019-09-11

The seventh edition of Operations and Supply Chain Management for MBAs is the definitive introduction to the fundamental concepts of supply chain and operations management. Designed specifically to meet the needs of MBA students, this market-leading book offers clear presentation of topics such process planning and design, capacity and location planning, schedule and inventory management, and enterprise resource planning. A strategic, conceptual approach helps readers comprehend the contemporary issues they will soon be facing in industry. This concisely-formatted volume enables instructors to customize their courses for the unique requirements of MBA programs. Each chapter integrates material directly into the text rather than sidebars, highlights, and other pedagogical devices to achieve a smooth, easy-to-read narrative flow. Carefully selected questions prompt discussions that complement the mature, more experienced nature of MBA students, while case studies and supplementary materials illustrate key concepts and practices. Topics such as outsourcing and global sourcing, the role of information technology, and global competitiveness strategies assist students to understand working and competing in the globalized economy.

Global Logistics and Supply Chain Management - John Mangan 2020-12-07

Global Logistics and Supply Chain Management is a comprehensive, fully up-to-date introduction to the

are available at no extra cost.

Multi-Stage Simultaneous Lot-Sizing and Scheduling - Florian Seeanner 2013-05-13

Due to a varying product demand (changing product mix) and different production speeds, bottlenecks may shift between the stages. In that case, a simultaneous lot-sizing and scheduling of these stages is recommendable. Hence, an improved version of the General Lot-Sizing and Scheduling Problem for Multiple production Stages (GLSPMS) was developed. Moreover, several reformulation techniques were applied to this model to solve it exactly. Besides, a new meta-heuristic which combines the principles of Variable Neighborhood Decomposition Search (VNDS) and Exchange was implemented to find good solutions, even for a real-world problem case. Finally, further model extensions, e.g., for scarce setup resources, were proposed.

Project Management - Jack R. Meredith 2017-10-30

Projects continue to grow larger, increasingly strategic, and more complex, with greater collaboration, instant feedback, specialization, and an ever-expanding list of stakeholders. Now more than ever, effective project management is critical for the success of any deliverable, and the demand for qualified Project Managers has leapt into nearly all sectors. Project Management provides a robust grounding in essentials of the field using a managerial approach to both fundamental concepts and real-world practice. Designed for business students, this text follows the project life cycle from beginning to end to demonstrate what successful project management looks like on the ground. Expert discussion details specific techniques and applications, while guiding students through the diverse skill set required to select, initiate, execute, and evaluate today's projects. Insightful coverage of change management provides clear guidance on handling the organizational, interpersonal, economic, and technical glitches that can derail any project, while in-depth cases and real-world examples illustrate essential concepts in action.

Engineering for Business - Colin O. Benjamin 2009-05-16

Engineering for Business features teaching materials and case studies developed for senior undergraduate courses in engineering and business and graduate-level classes in Engineering Management, Industrial Engineering and Management, and Technology Management. This work surveys the more robust quantitative tools and techniques used to facilitate decision-making in business and uses case studies to illustrate their application. Where appropriate, the readers are provided with frameworks to enable application of the techniques covered and are directed to commercially available software developed to facilitate the deployment of these tools and techniques. Traditional industrial engineering and engineering management techniques related to Engineering Economy, Multi-Criteria Decision-making, Project Management, Management Science, and Facilities Planning are covered. These are complemented by a review of more topical areas, such as Applications Software for Business, Technology Commercialization, and Supply Chain Management. In all areas, the emphasis is on integrating theory and practice through the use of case studies based on projects conducted in a wide range of industry settings. Engineering for Business provides a robust framework for the explicit integration of engineering tools and techniques into a business curriculum. The case studies are rich in data and provide great opportunities for students to apply the techniques covered and to propose innovative solutions to open-ended project assignments.

Strategic Operations Management - Robert H. Lowson 2002

The book includes chapters covering customizing operational strategies for retail, manufacturing, services and SMEs, and sections on e-business and complexity theory in relation to operations theory. Features offered include: extended case studies including several from Europe and the USA; case vignettes; learning objectives; key terms; chapter introduction to aid reader accessibility; "time out" boxes to prompt the reader to reflect on what has been learnt; and "critical reflection" boxes that analyse theories and models.

The Certified Six Sigma Green Belt Handbook, Second Edition - Roderick A. Munro 2015-05-13

This reference manual is designed to help those interested in passing the ASQ's certification exam for Six Sigma Green Belts and others who want a handy reference to the appropriate materials needed to conduct successful Green Belt projects. It is a reference handbook on running projects for those who are already knowledgeable about process improvement and variation reduction. The primary layout of the handbook follows the ASQ Body of Knowledge (BoK) for the Certified Six Sigma Green Belt (CSSGB) updated in 2015. The authors were involved with the first edition handbook, and have utilized first edition user comments,

numerous Six Sigma practitioners, and their own personal knowledge gained through helping others prepare for exams to bring together a handbook that they hope will be very beneficial to anyone seeking to pass the ASQ or other Green Belt exams. In addition to the primary text, the authors have added a number of new appendixes, an expanded acronym list, new practice exam questions, and other additional materials

A Comprehensive Guide to Project Management Schedule and Cost Control - Randal Wilson 2014

This is the most complete guide to all the principles and techniques you need to successfully schedule projects and control their costs. Not a broad project management guide, it offers focused coverage of every essential aspect of scheduling and cost control -- including key issues ignored by typical PM guides. Expert project manager and long-time instructor Randal Wilson makes scheduling and cost control intuitive through the extensive use of graphs, charts, and case studies, and provides all the formulas and worked examples you need to succeed. Writing for both newcomers and working project managers, Wilson covers all this, and more: Project structures, including differences between projects and programs, and how those differences affect costing and scheduling Initiation: how projects start, how to develop project charters and stakeholder registers, and how to manage stakeholders Planning, in depth: what costs must be addressed, and what schedule constraints must be considered Project schedule analysis: activity definition, WBS, and work packages; activity sequencing and diagramming; proven methodologies for estimating resources and activity durations; and schedule development Project cost analysis: gathering and estimating all project costs, including labor, materials, vendor bids, subcontractors, contracts, equipment, facilities, and direct/indirect costs. Budgeting via top-down, bottom-up, and activity-based methods Project monitoring and control: earned value, tracking Gantt, S-Curves, performance reviews, milestone analysis, change control systems, estimate at completion, forecasting, and much more.

Introducing Operations Management - Scott M. Shafer 2003

This series introduces the core areas of chemical science, covering important concepts in an easy, accessible style. Each title contains a number of experiments and demonstrations, approached through the process of problem, hypothesis, experiment and conclusion. All the books support the QCA schemes of work and contain: definitions of important terms and explanations of key concepts; formulae and word equations; and the periodic table with explanatory notes. This title explores the concepts of elements and compounds.

Project Management ToolBox - Russ J. Martinelli 2016-01-05

Boost your performance with improved project management tactics Project Management ToolBox: Tools and Techniques for the Practicing Project Manager, Second Edition offers a succinct explanation of when, where, and how to use project management resources to enhance your work. With updated content that reflects key advances in the project management field, including planning, implementation, control, cost, and scheduling, this revised text offers added material that covers relevant topics, such as agility, change management, governance, reporting, and risk management. This comprehensive resource provides a contemporary set of tools, explaining each tool's purpose and intention, development, customization and variations, and benefits and disadvantages. Additionally, examples, tips, and milestone checks guide you through the application of these tools, helping you practically apply the information you learn. Effective project management can support a company in increasing market share, improving the quality of products, and enhancing customer service. With so many aspects of project management changing as the business world continues to evolve, it is critical that you stay up to date on the latest topics in this field. Explore emerging topics within the world of project management, keeping up to date on the latest, most relevant subject areas Leverage templates, exercises, and PowerPoint presentations to enhance your project management skills Discuss tips, reporting, implementation, documentation, and other essentials of the project management field Consider how project management fits into various industries, including technology, construction, healthcare, and product development Project Management ToolBox: Tools and Techniques for the Practicing Project Manager, Second Edition is an essential resource for experienced project managers and project management students alike.

Expert Judgment in Project Management - Paul Szwed 2016-04-01

Expert judgment is a major source of information that can provide vital input to project managers, who must ensure that projects are completed successfully, on time, and on budget. Too often, however, companies lack detailed processes for finding and consulting with experts—making it hard to match the

required know-how with the project at hand. In *Expert Judgment in Project Management: Narrowing the*

Theory-Practice Gap, Paul S. Szwed provides research that will help project managers become more adept at using expert judgment effectively.