

Operations Management For Dummies

Develop faster with DevOps DevOps embraces a culture of unifying the creation and distribution of technology in a way that allows for faster release cycles and more resource-efficient product updating. DevOps For Dummies provides a guidebook for those on the development or operations side in need of a primer on this way of working. Inside, DevOps evangelist Emily Freeman provides a roadmap for adopting the management and technology tools, as well as the culture changes, needed to dive head-first into DevOps. Identify your organization's needs Create a DevOps framework Change your organizational structure Manage projects in the DevOps world DevOps For Dummies is essential reading for developers and operations professionals in the early stages of DevOps adoption.

Management Extra brings all the best management thinking together in one package. The series fuses key ideas with applied activities to help managers examine and improve how they work in practice. Management Extra is an exciting, new approach to management development. The books provide the basis for self-paced learning at level 4/5. The flexible learning structure allows busy participants to study at their own convenience, minimising time away from the job. The programme allows trainers to quickly plan and deliver high quality, business-led courses. Trainers can select materials to meet the needs of their delegates, clients, and budget. Each book is divided into themes of ideal length for delivering in a training session. Each theme has a range of activities for delegates to complete, putting the training into context and relating it to their own situation and business. The books' lively style will stimulate further interest in the subjects covered. Guides for further reading and valuable web references provide a lead-in to further research. Management Extra is based on the NVQ framework to ease the creation of Diploma, Post Graduate Diploma or NVQ programmes for managers. It is accredited with all leading awarding bodies.

An integrated media and text solution which clearly demonstrates the relevance of operations to everyday business activities, through extensive use of text and running video case studies from companies such as Ikea, Domino's, EasyJet, and Ticketmaster. A truly engaging package for those with little knowledge or experience in operations management.

Fashion has been steadily moving from the brick and mortar to the digital market. As such, it is increasingly vital to research new methods that will help businesses to grow and succeed in this new sphere. Advanced Fashion Technology and Operations Management is a pivotal reference source for the latest development management strategies, fashion marketing, international business, and fashion entrepreneurship. Featuring extensive coverage across a range of relevant perspectives and topics, such as online shopping behavior, digital fashion, and e-commerce, this book is ideally designed for professionals, entrepreneurs, students, and researchers.

So you've been asked to lead a quality control initiative? Or maybe you've been assigned to a quality team. Perhaps you're a CEO whose main concern is to make your company faster, more efficient, and less expensive. Whatever your role is, quality control is a critical concept in every industry and profession. Quality Control For Dummies is the straightforward, easy guide to improving your company's quality. It covers all of today's available options and provides expert techniques for introducing quality methods to your company, collecting data, designing quality processes, and more. This hands-on guide gives you all the tools you'll ever need to enhance your company's quality, including: Understanding the importance of quality standards Putting fundamental quality control methods to use Listening to your customer about quality issues Whipping quality control into shape with Lean Working with value stream mapping Focusing on the 5S method Supplement a process with Kanban Fixing tough problems with Six Sigma Using QFD to win customers over Improving you company with TOC This invaluable reference is written from an unbiased viewpoint, giving you all the facts about each theory with no fuzzy coverings. It also includes steps for incorporating quality into a new product and Web sites packed with quality control tips and techniques. With Quality Control For Dummies, you'll be able to speed up production, eliminate waste, and save money!

In the fast changing business and financial markets, the role of operations manager is crucially important to any organisation. As automated processes increase and settlement cycles shorten, the demands on operations managers to embrace change and to become cost effective contributors to the bottom line increases. This book follows on from Fundamentals of Global Operations Management, 2e (0470026537). Author David Loader explores the challenges of being a good supervisor and manager in an environment of constant change, variable workloads and pressure to deliver quality services cost-effectively. He covers the key aspects of the role, which include managing risk, people and clients.

This remarkable volume highlights the importance of Production and Operations Management (POM) as a field of study and research contributing to substantial business and social growth. The editors emphasize how POM works with a range of systems—agriculture, disaster management, e-commerce, healthcare, hospitality, military systems, not-for-profit, retail, sports, sustainability, telecommunications, and transport—and how it contributes to the growth of each. Martin K. Starr and Sushil K. Gupta gather an international team of experts to provide researchers and students with a panoramic vision of the field. Divided into eight parts, the book presents the history of POM, and establishes the foundation upon which POM has been built while also revisiting and revitalizing topics that have long been essential. It examines the significance of processes and projects to the fundamental growth of the POM field. Critical emerging themes and new research are examined with open minds and this is followed by opportunities to interface with other business functions. Finally, the next era is discussed in ways that combine practical skill with philosophy in its analysis of POM, including traditional and nontraditional

applications, before concluding with the editors' thoughts on the future of the discipline. Students of POM will find this a comprehensive, definitive resource on the state of the discipline and its future directions.

Operations Management is all around us and is integral to every industry. Using contemporary and engaging examples this brand new text book brings to life fundamental Operations Management principles and theories that are applicable to both manufacturing and service situations, reflecting the very latest developments in this dynamic field. Service Operations Management, Second Edition provides a global perspective on service operations, with expanded coverage of service operations for not-for-profit agencies, charities, NGOs and utilities, alongside commercial companies. With new, updated case studies and original research embracing big-data analytics and neurolinguistics in building customer service systems, this book will be an invaluable tool for postgraduate and MBA students of service operations and undergraduates specialising in hospitality, tourism and public sector management.

A comprehensive review of behavioral operations management that puts the focus on new and trending research in the field The Handbook of Behavioral Operations offers a comprehensive resource that fills the gap in the behavioral operations management literature. This vital text highlights best practices in behavioral operations research and identifies the most current research directions and their applications. A volume in the Wiley Series in Operations Research and Management Science, this book contains contributions from an international panel of scholars from a wide variety of backgrounds who are conducting behavioral research. The handbook provides succinct tutorials on common methods used to conduct behavioral research, serves as a resource for current topics in behavioral operations research, and as a guide to the use of new research methods. The authors review the fundamental theories and offer frameworks from a psychological, systems dynamics, and behavioral economic standpoint. They provide a crucial grounding for behavioral operations as well as an entry point for new areas of behavioral research. The handbook also presents a variety of behavioral operations applications that focus on specific areas of study and includes a survey of current and future research needs. This important resource: Contains a summary of the methodological foundations and in-depth treatment of research best practices in behavioral research. Provides a comprehensive review of the research conducted over the past two decades in behavioral operations, including such classic topics as inventory management, supply chain contracting, forecasting, and competitive sourcing. Covers a wide-range of current topics and applications including supply chain risk, responsible and sustainable supply chain, health care operations, culture and trust. Connects existing bodies of behavioral operations literature with related fields, including psychology and economics. Provides a vision for future behavioral research in operations. Written for academicians within the operations management community as well as for behavioral researchers, The Handbook of Behavioral Operations offers a comprehensive resource for the study of how individuals make decisions in an operational context with contributions from experts in the field.

TAKE YOUR BUSINESS TO THE NEXT LEVEL Topics in Operations Management For Dummies, 2nd Edition track to a typical course in operations management or operations strategy and cover topics such as evaluating and measuring existing systems' performance and efficiency, materials management and product development, using tools like Six Sigma and Lean Production, designing new, improved processes, and defining, planning, and controlling costs of projects. UPDATES: digital transformation and new technology applications transparency and traceability of the supply chain, including ethical sourcing and carbon footprint resiliency: increasing inventories and multi-regionalization modularizing the supply chain

Optimization and evaluation are essential to the operations of several sectors such as the healthcare sector and the agriculture industry. Improvement of optimizations and evaluation are imperative for industry success and ensures that better services are provided to global consumers across sectors. Interdisciplinary Perspectives on Operations Management and Service Evaluation is a critical scholarly publication that focuses on operations management across several sectors and assessment strategies for the improvement of these industries. Featuring a range of topics such as fuzzy logic, ecosystem services, and metaheuristics, this book is ideal for managers, service evaluators, marketers, academicians, business professionals, researchers, practitioners, and students.

Operations Management For Dummies John Wiley & Sons

The second edition of Security Operations Management continues as the seminal reference on corporate security management operations. Revised and updated, topics covered in depth include: access control, selling the security budget upgrades to senior management, the evolution of security standards since 9/11, designing buildings to be safer from terrorism, improving relations between the public and private sectors, enhancing security measures during acute emergencies, and, finally, the increased security issues surrounding the threats of terrorism and cybercrime. An ideal reference for the professional, as well as a valuable teaching tool for the security student, the book includes discussion questions and a glossary of common security terms. Additionally, a brand new appendix contains contact information for academic, trade, and professional security organizations. * Fresh coverage of both the business and technical sides of security for the current corporate environment * Strategies for outsourcing security services and systems * Brand new appendix with contact information for trade, professional, and academic security organizations

Operations management is a tool by which companies can effectively meet customers' needs using the least amount of resources necessary. With the emergence of sensors and smart metering, big data is becoming an intrinsic part of modern operations management. Applied Big Data Analytics in Operations Management enumerates the challenges and creative solutions and tools to apply when using big data in operations management. Outlining revolutionary concepts and applications that help businesses predict customer behavior along with applications of artificial neural networks, predictive analytics, and opinion mining on business management, this comprehensive publication is ideal for IT professionals, software engineers, business professionals, managers, and students of management.

Were you looking for the book with access to MyLab Operations Management? This product is the book alone and does NOT come with access to the MyLab. Buy Operations Management, 8th edition with MyLab Operations Management access card (ISBN 9781292254036) if you need access to the MyLab as well, and save money on this resource. You will also need a course ID from your instructor to access the MyLab. Operations management is important, exciting, challenging ... and everywhere you look! · Important, because it enables organizations to provide services and products that we all need · Exciting, because it is central to constant changes in customer preference, networks of supply and demand, and developments in technology · Challenging, because solutions must be financially sound, resource-efficient, as well as environmentally and socially responsible · And everywhere, because in our daily lives, whether at work or at home, we all experience and manage processes and operations.

Your one-stop guide to becoming a product management prodigy Product management plays a pivotal role in organizations. In fact, it's now considered the fourth most important title in corporate America—yet only a tiny fraction of product managers have been trained for this vital position. If you're one of the hundreds of thousands of people who hold this essential job—or simply aspire to break into a new role—Product Management For Dummies gives you the tools to increase your skill level and manage products like a pro. From defining what product management is—and isn't—to exploring the rising importance of product management in the corporate world, this friendly and accessible guide quickly gets you up to speed on everything it takes to thrive in this growing field. It offers plain-English explanations of the product life cycle, market research, competitive analysis, market

and pricing strategy, product roadmaps, the people skills it takes to effectively influence and negotiate, and so much more. Create a winning strategy for your product Gather and analyze customer and market feedback Prioritize and convey requirements to engineering teams effectively Maximize revenues and profitability Product managers are responsible for so much more than meets the eye—and this friendly, authoritative guide lifts the curtain on what it takes to succeed.

"Essentials of Operations Management" has been designed for those who want an inexpensive text that will provide only the essential information related to operations. Written by an author with many years of teaching experience at both the undergraduate and MBA level, "Essentials of Operations Management" takes a global approach and places emphasis on strategy and forecasting.

The SAGE Course Companion on Operations Management is an accessible introduction to the subject that will help readers to extend their understanding of key concepts and enhance their thinking skills in line with course requirements. It provides support on how to revise for exams and prepare for and write assessed pieces. Readers are encouraged not only to think like an operations manager but also to think about the subject critically.

Written by best-selling authors in their field, the Fourth Edition of Operations and Process Management inspires a critical and applied mastery of the core principles and process which are fundamental to successfully managing business operations. Approaching the subject from a managerial perspective, this brand new text provides clear and concise coverage of the nature, principles, and practice of operations and process management.

Everyone can impact the supply chain Supply Chain Management For Dummies helps you connect the dots between things like purchasing, logistics, and operations to see how the big picture is affected by seemingly isolated inefficiencies. Your business is a system, made of many moving parts that must synchronize to most efficiently meet the needs of your customers—and your shareholders. Interruptions in one area ripple throughout the entire operation, disrupting the careful coordination that makes businesses successful; that's where supply chain management (SCM) comes in. SCM means different things to different people, and many different models exist to meet the needs of different industries. This book focuses on the broadly-applicable Supply Chain Operations Reference (SCOR) Model: Plan, Source, Make, Deliver, Return, and Enable, to describe the basic techniques and key concepts that keep businesses running smoothly. Whether you're in sales, HR, or product development, the decisions you make every day can impact the supply chain. This book shows you how to factor broader impact into your decision making process based on your place in the system. Improve processes by determining your metrics Choose the right software and implement appropriate automation Evaluate and mitigate risks at all steps in the supply chain Help your business function as a system to more effectively meet customer needs We tend to think of the supply chain as suppliers, logistics, and warehousing—but it's so much more than that. Every single person in your organization, from the mailroom to the C-suite, can work to enhance or hinder the flow. Supply Chain Management For Dummies shows you what you need to know to make sure your impact leads to positive outcomes.

This book is a novel treatment of Operations Management. It takes a fresh insight to this increasingly important topic, exploring fundamental principles equally applicable to service and manufacturing situations. The book adapts a strategic stance by providing a framework for effective decision making and is aimed at practising managers who need to design working processes, manage change and make decisions within a strategic framework. The framework and supporting case vignettes allow the practitioner to grasp essential concepts quickly in a range of different operational contexts. "Bamford and Forrester have done an excellent job in creating a concise, salient, and appealing approach - they have captured the essential elements of designing processes, products and work organizations; exploring approaches to operations planning and control; managing change through effective project management and technology transfer; and then managing quality and improvement strategies". —Professor Rob Handfield, Professor of Supply Chain Management, North Carolina State University, USA "This is an excellent concise text that introduces students to all of the key areas - it's an invaluable aid for students in understanding all of the major aspects of operations and their importance to the success of businesses". —Professor Steve Brown, Professor of Management, University of Exeter Business School, University of Exeter, UK "For today's or tomorrow's business leaders this text has well structured invaluable content ready for immediate adoption. Follow the guide, put it into practice, and the rewards will follow". —Mr Vernon Barker, Managing Director, First TransPennine Express, First Group Plc, UK "This book combines technical theory 'book smarts' with real life experience 'street smarts' in a flowing read". —Mr Stephen Oliver, Vice President Marketing & Sales, Vicor Corporation, Boston, USA

Based on the market-leading Operations Management text, this is the ideal book for those wanting a more concise introduction to the subject, focusing on essential core topics, without compromising on the authoritative, clear and highly practical approach that has become the trademark of the authors. Revised and updated to reflect the ever-changing world of operations management, the book is rooted in real-life practice with a wealth of examples and case studies from different sectors and industries around the world.

Your one-stop reference for entering the global logistics environment Global Logistics for Dummies is an operational-level reference and overview for those manufacturers, businesses, product distributors, providers of logistics services, humanitarian and disaster relief responders and logisticians on both ends of a global chain who are considering entry in or have recently embarked on entering the global logistics chain/market. Easy to follow and packed with tons of helpful information, it serves as a springboard to larger texts for more detailed information. Beginning with an introduction to both the “whats” and “whys” of global logistics, the book sheds light on how global logistics demands the involvement of not only all elements of the logistics enterprise – e.g., design, logistics engineering, supply, storage/distribution, maintenance, transportation, returns/re-manufacturing, etc. – but also all elements of the business enterprise. In no time, it'll get you up to speed on the whole-enterprise logistics elements that should be considered in

the decision to enter and excel in providing logistics end-items, goods, and services to a global customer. Deliver global disaster and relief logistics support Explore global manufacturing and distribution logistics Provide logistics services for foreign customers Adapt domestic logistics to foreign operating environments Written by a team of SOLE – The International Society of Logistics credentialed practitioners and academicians, Global Logistics for Dummies makes it easier than ever to succeed in this ever-growing field. With the growing business industry there is a large demand for greater speed and quality, for projects of all natures in both small and large businesses. Lean Six Sigma is the result of the combination of the two best-known improvement methods: Six Sigma (making work better, of higher quality) and Lean (making work faster, more efficient). Lean Six Sigma For Dummies outlines the key concepts in plain English, and shows you how to use the right tools, in the right place, and in the right way, not just in improvement and design projects, but also in your day-to-day activities. It shows you how to ensure the key principles and concepts of Lean Six Sigma become a natural part of how you do things so you can get the best out of your business and accomplish your goals better, faster and cheaper. About the author John Morgan has been a Director of Catalyst Consulting, Europe's leading provider of lean Six Sigma solutions for 10 years. Martin Brenig-Jones is also a Director at Catalyst Consulting. He is an expert in Quality and Change Management and has worked in the field for 16 years.

"Covers the core concepts and theories of production and operations management in the global as well as Indian context. Includes boxes, solved numerical examples, real-world examples and case studies, practice problems, and videos. Focuses on strategic decision making, design, planning, and operational control"--Provided by publisher.

An Introduction to Operations Management: The Joy of Operations covers the core topics of operations management, including product and service design, processes, capacity planning, forecasting, inventory, quality, supply chain management, and project management. Das provides a clear, connected, and current view of operations management and how it relates to a firm's strategic goals. Students will benefit from the real-world scenarios that foster an understanding of operations management tasks. Without relying heavily on statistics and mathematical derivations, the book offers applied models and a simple, predictable chapter format to make it easy to navigate. Students of introductory operations management courses will love this practical textbook. A companion website features an instructor's manual with test questions, as well as additional exercises and examples for in-class use.

This is a substantial new edition of a successful textbook which continues to have a sensible and 'easy to read' style. Each Chapter has a past/present/future theme with a real strategic approach. Strategic Operations Management shows operations as combining products and services into a complete offer for the customer. Services are therefore seen as key and are integrated throughout the material in each chapter. Manufacturing, service supply and other key factors are all shown to be in place. In an era where companies are fond of talking about core competences but still struggle to understand their operations, this is an important for academics and practitioners alike. Only when managers understand their operations will they be able to leverage them into any sort of capabilities that will lead to competitive advantage. Online tutor resource materials accompany the book.

Your ultimate go-to project management bible Perform Be Agile! Time-crunch! Right now, the business world has never moved so fast and project managers have never been so much in demand—the Project Management Institute has estimated that industries will need at least 87 million employees with the full spectrum of PM skills by 2027. To help you meet those needs and expectations in time, Project Management All-in-One For Dummies provides with all the hands-on information and advice you need to take your organizational, planning, and execution skills to new heights. Packed with on-point PM wisdom, these 7 mini-books—including the bestselling Project Management and Agile Project Management For Dummies—help you and your team hit maximum productivity by razor-honing your skills in sizing, organizing, and scheduling projects for ultimate effectiveness. You'll also find everything you need to overdeliver in a good way when choosing the right tech and software, assessing risk, and dodging the pitfalls that can snarl up even the best-laid plans. Apply formats and formulas and checklists Manage Continuous Process Improvement Resolve conflict in teams and hierarchies Rescue distressed projects

A complete guide to using KPIs to drive organisational performance Is your business on track to achieve success? Key Performance Indicators For Dummies covers the essential KPIs that are useful to all kinds of businesses, and includes more than 100 different ways leaders can monitor and drive performance in their organisations. This book helps managers understand the crucial KPIs that should be implemented for all different aspects of the organisation, including financial performance, operational and internal processes, sales and marketing, customer satisfaction and more. Good KPIs should be unique to every business, as every business has different objectives. To meet this need, the book provides tools and templates that leaders can use to develop unique KPIs that best suit their particular organisation or industry. Learn to design KPIs that are unique to your business and fit closely to your strategic objectives Determine which KPI questions you should be asking to achieve the right insights for your business Learn the specific KPIs that are appropriate for different business circumstances Turn KPIs into deep insights by mastering related reporting and communications practices KPIs are a crucial part of every manager's toolkit, and are essential for helping to monitor the execution of business strategies and measure results. Key Performance Indicators For Dummies moves beyond a basic discussion of what KPIs are, and why they are needed to provide a complete guide for learning to design and use specific KPIs to drive organisational performance.

Practiced by tens of thousands of people across more than 40 countries, Active Operations Management (AOM) is one of the most successful methods for managing

performance in service operations. Now the people who developed the method tell you exactly how you can do it for yourself.

This edited book presents cutting edge international research in operations management sustainability and topical research themes. As the sustainability agenda gains greater prominence and momentum throughout society, business actors and stakeholders are increasingly concerned with the impact of current business operations. There is a growing need for OM research and practice which reflects these concerns. Based on demands from industry and society at large, universities and schools now develop academic programs which are meant to serve this need – yet there is no clear and manifest research program concerning OM and sustainability. This book is of use to both researchers orientating themselves in this new and exciting field and educators seeking inspiration to develop new courses.

The easy way to make sense of managerial economics Does the study of Managerial Economics make your head spin? Relax! This hands-on, friendly guide helps you make sense of complex business concepts and explains to you in plain English how Managerial Economics enhances analytical skills, assists in rational configuration, and aids in problem-solving. Managerial Economics For Dummies gives you a better understanding of all the major concepts you'll encounter in the classroom: supply and demand, elasticity, decision-making, quantitative analysis of business situations, risk analysis, production analysis, pricing analysis, capital budgeting, critical thinking skills, and much more. Tracks to a typical Managerial Economics course Includes easy-to-understand explanations and examples Serves as a valuable classroom supplement If you're enrolled in business courses looking for a supplemental guide to aid your understand of the complex theories associated with this difficult topic, or a manager already in the corporate world looking for a refresher, Managerial Economics For Dummies has you covered.

The secrets to improving operations while maintaining the highest quality How do you operate at maximum efficiency with minimum cost? Manager's Guide to Operations Management addresses one of the most pressing business issues of our time by offering easy-toimplement advice on creating the most effective, streamlined operations possible. This quick-reference guide explains how to: Improve your production processes Boost quality using the Six Sigma approach Manage supply chains and inventory Forecast, plan, and schedule efficiently With Manager's Guide to Operations Management, you have the tools you need to ensure a smooth, steady work flow while producing products and services of the highest quality—the secret to business success.

Students studying construction management and related subjects need to have a broad understanding of the major aspects of controlling the building processes. Operations Management for Construction is one of three textbooks (Business Organisation, Operations Management and Finance Control) written to systematically cover the field. Focusing on construction sites and operations which are challenging to run, Chris March explores issues such as the setting up of the site, the deciding of the methodology of construction, and the sequence of work and resourcing. As changing and increasing regulations affect the way sites are managed, he also considers the issues and methods of successful administering, safety, quality and environment. Finally, the contractor's responsibility to the environment, including relationships with third parties, selection of materials, waste management and sustainability is discussed. Chris March has a wealth of practical experience in the construction industry, as well as considerable experience of teaching, which he uses to support the theory and principles set out in the book.

Score your highest in Operations Management Operations management is an important skill for current and aspiring business leaders to develop and master. It deals with the design and management of products, processes, services, and supply chains. Operations management is a growing field and a required course for most undergraduate business majors and MBA candidates. Now, Operations Management For Dummies serves as an extremely resourceful aid for this difficult subject. Tracks to a typical course in operations management or operations strategy, and covers topics such as evaluating and measuring existing systems' performance and efficiency, materials management and product development, using tools like Six Sigma and Lean production, designing new, improved processes, and defining, planning, and controlling costs of projects. Clearly organizes and explains complex topics Serves as a supplement to your Operations Management textbooks Helps you score your highest in your Operations Management course Whether your aim is to earn an undergraduate degree in business or an MBA, Operations Management For Dummies is indispensable supplemental reading for your operations management course.

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