

Access Free Introduction To Operations Management

Introduction To Operations Management

Cachon 1e is designed for undergraduate students taking an introductory course in operations management. This text will share many of the strengths of Matching Supply with Demand: An Introduction to Operations Management (3e). Operations Management by Cachon comprehensively spans the relevant domain of topics, is accessible to a typical undergraduate student (i.e., limited real world business experience),

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incorporates the latest research and knowledge, and provides thorough pedagogical support for instructors along with innovative learning support for students. Connect is the only integrated learning system that empowers students by continuously adapting to deliver precisely what they need, when they need it, and how they need it, so that your class time is more engaging and effective.

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

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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

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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. For courses in Operations and Supply Chain Management. An Integrated Approach to Operations and Supply Chain Management Introduction to Operations and Supply Chain Management is an integrated, comprehensive introduction to both Operations and Supply chain management topics.

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The text remains engaging and brief while integrating all of the major concepts of both subjects in one cohesive source. The Fourth Edition contains updated chapter content and thorough coverage of analytical tools and techniques that apply to Operations and Supply Chain Management. Introduction to Operations and Supply Chain Management explores two essential, introductory business subjects in an interesting and relatable manner by providing students with real world examples and easy-to-understand material. "Today, companies are competing in a very different environment than they were only a few years ago.

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Rapid changes such as a globally interconnected environment, the Internet, big data analytics, advances in technology, and sustainability imperatives have required businesses to adapt their standard practices. Operations management (OM) is the critical function through which companies can succeed in this competitive landscape. Operations management concepts are not confined to one department. Rather, they are far-reaching, affecting every functional aspect of the organization. Whether studying accounting, finance, human resources, information technology, management, marketing, or purchasing, students need to understand the critical

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impact operations management has on any business"--

Matching Supply with Demand: An Introduction to Operations Management

Introduction to Business

Research Methods for Operations Management

Introduction to Operations Management:

The McGraw-Hill 36-Hour Course: Operations Management

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

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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.

Research Methods for Operations Management, second edition is a toolkit of research approaches primarily for

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advanced students and beginner researchers but also a reference book for any researcher in OM. Many students begin their career in research limited by the one or few approaches taken by their department. The concise, accessible overviews found here equip them with an understanding of a variety of methods and how to use them, enabling them to tailor their research project to their own strengths and goals. The more seasoned researcher will find comprehensive descriptions and analyses on a wide variety of research approaches. This updated and enhanced edition responds to the latest developments in OM, including the growing prominence of services and production of intangible products, and the increasing use of secondary data and of mixed approaches. Alternative research approaches are

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included and explored to help with the early planning of research. This edition also includes expanded literature review and analysis to guide students towards the next steps in their reading, and more detailed step-by-step advice to tie theory with the researcher ' s own practice. Including contributions from an impressive range of the field ' s leading thinkers in OM research, this is a guide that no-one embarking on an OM research project should be without. The careful management of costs and operations are two of the most essential elements of operating any successful organization, public or private. While the private sector is driven by profit-maximizing incentives to keep costs to a minimum, the public sector ' s mission and goals are guided by a different set of objectives: to provide a wide range of

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essential goods and services to maintain social order, improve public health, revitalize the economy, and, most importantly, to improve the quality of life for its citizens. Although the objectives are different, it is just as important for public decision makers to make the best use of available resources by keeping the cost of operation to a minimum. This book demonstrates that with a careful emphasis on cost accounting, operations management, and quality control, all organizations and governments can increase efficiency, improve performance, and prepare to weather hard times. This book is divided into three parts: Part I offers thorough coverage of cost fundamentals, with an emphasis on basic cost concepts, cost behavior, cost analysis, cost accounting, and cost control. Part II examines optimization in costs and

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operations in government including traditional or classical optimization with applications in inventory management and queuing, followed by mathematical programming and network analysis. Finally, Part III explores special topics in cost and optimization, in particular those related to games and decisions, productivity measurement, and quality control. Simple, accessible language and explanations are integrated throughout, and examples have been drawn from government so that readers can easily relate to them. Cost and Optimization in Government is required reading for practicing public managers and students of public administration in need of a clear, concise guide to maximizing public resource efficiency.

The SAGE Course Companion on Operations Management is

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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.

Introduction to Internet of Things in Management Science and Operations Research

Building Sustainable Supply Chains

Theory and Practice

Fundamentals of Operations Management

Implemented Studies

Introduction to Operations Management:

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A Supply Chain Process Approach details how firms buy, make, deliver, and return goods and services around the globe, providing students with a solid foundation of operations management concepts and techniques. The text offers a set of activities that guide the effectiveness of organizations and prepare operations managers and other employees to ensure their firms are competitive. The book is organized from a strategic to a tactical perspective,

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beginning with foundational concepts and ending with broader discussions of managing supply chains. Dedicated chapters address corporate strategy, services design, inventory management, aggregate planning, forecasting, lean systems, quality management, integrating processes along the supply chain, and more. Numerous real-world examples, cases, and engaging exercises allow students to place themselves in the shoes of working operations

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management professionals. The second edition features examples of real companies using analytical tools in decision-making situations, as well as extensive web-based content including flashcards, YouTube videos, and graded chapter quizzes. The textbook's coverage also includes emerging trends for most chapters, such as sustainability, customer relationships, and working in the global marketplace. Written for today's students and the

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exciting, ever-evolving marketplace, the second edition of Introduction to Operations Management is the text to bring operations management into the modern era. Joel D. Wisner is a professor of supply chain management at the University of Nevada, Las Vegas. He earned a B.S. in mechanical engineering from New Mexico State University, M.B.A from West Texas State University, and Ph.D. in supply chain management from Arizona State University. He holds

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certifications in transportation and logistics (CTL) and purchasing management (C.P.M.). Dr. Wisner's research interests include process assessment and improvement strategies along the supply chain. He has authored or coauthored over 100 articles, cases, conference presentations, and monographs.

The book includes chapters covering customizing operational strategies for retail, manufacturing, services and

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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

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and models.

Gerard Cachon and Christian Terwiesch, Matching Supply with Demand: An Introduction to Operations Management, 3e is the most authoritative, cutting-edge book for operations management MBAs. The book demands rigorous analysis on the part of students without requiring consistent use of sophisticated mathematical modeling to perform it. When the use of quantitative tools or formal modeling

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is indicated, it is only to perform the necessary analysis needed to inform and support a practical business solution. The guiding principle in the development of Matching Supply with Demand has been “real operations, real solutions.” “Real operations” means that most of the chapters in this book are written from the perspective of a specific company so that the material in this text will come to life by discussing it in a real-world context.

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“Real solutions” means that equations and models do not merely provide students with mathematical gymnastics for the sake of an intellectual exercise.

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

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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

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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.

The Joy of Operations

An Introduction to Cost Accounting, Operations Management, and Quality Control, Second Edition
Quality and Operations Management

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Revised Edition

A Strategic Approach

Introduction to Operations Management: A Supply Chain Process Approach
Cognella Academic Publishing
"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

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problems, and videos. Focuses on strategic decision making, design, planning, and operational control"--Provided by publisher. For undergraduate Operations Management courses. A broad, practical introduction to operations, reinforced with an extensive collection of practice problems. Operations Management presents a broad introduction to the field of operations in a realistic and practical manner, while offering the

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largest and most diverse collection of problems on the market. The problems found in this text also contain ample support--found in the book's solved-problems, worked examples, and myomlab, Pearson's new online homework and tutorial system--to help students complete and understand assignments even when they're not in class. Note: This is the standalone book, if you want the book/access card order the ISBN below: 0133130762 /

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Operations Management

Introduction to Operations Management: A Supply Chain Process Approach details how firms buy, make, deliver, and return goods and services around the globe,

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providing students with a solid foundation of operations management concepts and techniques. The text offers a set of activities that guide the effectiveness of organizations and prepare operations managers and other employees to ensure their firms are competitive. The book is organized from a strategic to a tactical perspective, beginning with foundational concepts and ending with broader discussions of managing supply chains. Dedicated

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chapters address corporate strategy, services design, inventory management, aggregate planning, forecasting, lean systems, quality management, integrating processes along the supply chain, and more. Numerous real-world examples, cases, and engaging exercises allow students to place themselves in the shoes of working operations management professionals. The second edition features examples of real companies using analytical tools in

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decision-making situations, as well as extensive web-based content including flashcards, YouTube videos, and graded chapter quizzes. The textbook's coverage also includes emerging trends for most chapters, such as sustainability, customer relationships, and working in the global marketplace. Written for today's students and the exciting, ever-evolving marketplace, the second edition of Introduction to Operations Management is the text to bring

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operations management into the modern era.

An Introduction to Operations Management

Global Supply Chain and Operations Management

Essential Guide to Operations Management

An Integrated Approach

A Supply Chain Process Approach

With its abundance of step-by-step solved problems, concepts, and examples

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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

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coursework that will help lay the foundations for their future careers. All businesses strive for excellence in today's technology-based environment in which customers want solutions at the touch of a button. This highly regarded textbook provides in-depth coverage of the principles of operations and supply chain management and explains how to design, implement, and maintain processes for sustainable competitive advantage. This text offers a unique

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combination of theory and practice with a strategic, results-driven approach. Now in its fourth edition, Operations Management for Business Excellence has been updated to reflect major advances and future trends in supply chain management. A new chapter on advanced supply chain concepts covers novel logistics technology, information systems, customer proximity, sustainability, and the use of multiple sales channels. As a platform for

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discussion, the exploration of future trends includes self-driving vehicles, automation and robotics, and omnichannel retailing. Features include: A host of international case studies and examples to demonstrate how theory translates to practice, including Airbus, Hewlett Packard, Puma, and Toyota. A consistent structure to aid learning and retention: Each chapter begins with a detailed set of learning objectives and

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finishes with a chapter summary, a set of discussion questions and a list of key terms. Fully comprehensive with an emphasis on the practical, this textbook should be core reading for advanced undergraduate and postgraduate students of operations management and supply chain management. It would also appeal to executives who desire an understanding of how to achieve and maintain 'excellence' in business. Online resources include lecture

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slides, a glossary, test questions, downloadable figures, and a bonus chapter on project management.

This book represents the essential body of knowledge for an introductory operations management course. The guiding principle in the development of Matching Supply with Demand has been "real operations, real solutions."

Finally, an operations management book to get excited about. Operations Management: A Supply Chain Process

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Approach exposes students to the exciting and ever-changing world of operations management through dynamic writing, application, and cutting-edge examples that will keep students interested and instructors inspired! Author Dr. Joel Wisner understands that today's students will be entering a highly competitive global marketplace where two things are crucial: a solid knowledge of operations management and an understanding of the importance for

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organizations to integrate their operations and supply chain processes. With this in mind, Wisner not only provides a clear and comprehensive introduction to operations management, but also gives attention to the important processes involved in linking firms' operations in a supply chain environment.

Matching Supply with Demand
Essentials of Operations Management
Operations Management: Policy, Practice

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and Performance Improvement

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Sustainability and Supply Chain Management

Operations Management in Agriculture bridges the knowledge gap on operations management for agricultural machinery. It complements traditional topics (cost of using and choosing machinery) with advanced engineering approaches recently applied in agricultural machinery management (area coverage planning and sequential scheduling). The book covers new technologies in bio-production

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systems (robotics, IoT) and environmental compliance by employing a systems engineering perspective with focuses on sub-systems, including advanced optimization, supply chain systems, sustainability, autonomous vehicles and IT-driven decision-making. It will be a valuable resource for students studying decision-making and those working to improve the efficiency, effectiveness and sustainability of production through machinery choice. Covers agricultural machinery management related courses and a number of other courses within the agricultural engineering discipline Provides

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core tools for machine operations management, including machinery selection and cost of usage
Presents current knowledge for agricultural machinery management in a science-based format
MBAs in the workforce today are facing issues in such areas as supply chain management, the balanced scorecard, and yield management. This informative book arms them with a much-needed introduction to operations management and explains how to deal with the challenges in these areas. It guides them through all the basics including core competency, mass customization, benchmarking,

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business process design, and enterprise resource planning (ERP). All the while, it emphasizes the critical role that operations management will play in all the career paths that they choose.· The Nature of Operations· Strategy, Operations, and Global Competitiveness· Process Planning and Design· Six Sigma for Process and Quality Improvement· Capacity and Location Planning· Schedule Management· Supply Chain Management· Supplement. The Beer Game· Inventory Management· Enterprise Resource Planning· Lean Management· Project Management

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Introduction to Business covers the scope and sequence of most introductory business courses. The book provides detailed explanations in the context of core themes such as customer satisfaction, ethics, entrepreneurship, global business, and managing change. Introduction to Business includes hundreds of current business examples from a range of industries and geographic locations, which feature a variety of individuals. The outcome is a balanced approach to the theory and application of business concepts, with attention to the knowledge and skills necessary for student

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success in this course and beyond.

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Multi-item Measurement Scales and Objective Items
Course Outline and Assignments, 15.760, Spring
2001

Operations Management

The New Competitive Advantage

Concepts and Case Notes

This text offers an introduction to operations management. Numerical models are used to illustrate decision processes, though the emphasis is rigorous, not quantitative, and there is material on

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supply chain management and e-commerce.

Scale. References: Citations for the references used in the summary

MATCHING SUPPLY WITH DEMAND by Cachon and Terwiesch is the most authoritative, cutting-edge book for operations management MBAs. The book demands rigorous analysis on the part of students without requiring consistent use of sophisticated mathematical modeling to perform it. When the use of quantitative tools or formal modeling is indicated, it is only to perform the necessary analysis needed to inform and support a practical business solution.

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This book aims to provide relevant theoretical frameworks and the latest empirical research findings in Internet of Things (IoT) in Management Science and Operations Research. It starts with basic concept and present cases, applications, theory, and potential future. The contributed chapters to the book cover wide array of topics as space permits. Examples are from smart industry; city; transportation; home and smart devices. They present future applications, trends, and potential future of this new discipline. Specifically, this book provides an interface between the main disciplines of

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engineering/technology and the organizational, administrative, and planning capabilities of managing IoT. This book deals with the implementation of latest IoT research findings in practice at the global economy level, at networks and organizations, at teams and work groups and, finally, IoT at the level of players in the networked environments. This book is intended for professionals in the field of engineering, information science, mathematics, economics, and researchers who wish to develop new skills in IoT, or who employ the IoT discipline as part of their work. It will improve their understanding

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of the strategic role of IoT at various levels of the information and knowledge organization. The book is complemented by a second volume of the same editors with practical cases.

Operations Management in Context

EBOOK: Matching Supply With Demand: An Introduction To Operations Management

Cost and Optimization in Government

Operations Management, 1e

Strategic Operations Management

Take a crash course in boosting operational efficiency! Whether a business manufactures

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trucks, delivers packages, or sells coffee, it lives and breathes on its operations. Without exception. Ensuring smooth, efficient processes is a challenging task--but the rewards are immense. The McGraw-Hill 36-Hour Course: Operations Management puts you on the fast track to bolstering and managing the effectiveness of your organization's operations. Complete with exercises, self-tests, and an online final exam, this virtual immersion course in operations management teaches you how to: Evaluate and measure existing systems' performance Use quality management

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tools like Six Sigma and Lean Production Design new, improved processes Define, plan, and control costs of projects Take this in-depth course on operations management and put your vision into action. This is the only book on the syllabus. Class begins now!

Operations Management in Context provides students with excellent grounding in the theory and practice of operations management and its role within organizations. Structured in a clear and logical manner, it gradually leads newcomers to this subject through each topic area, highlighting

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key issues, and using practical case study material and examples to contextualize learning. Each chapter is structured logically and concludes with summary material to aid revision. Exercises and self-assessment questions are included to reinforce learning and maintain variety, with answers included at the end of the text.

This textbook presents global supply chain and operations management from a comprehensive perspective, combining value creation networks and interacting processes. It focuses on the operational roles in the networks and presents the

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quantitative and organizational methods needed to plan and control the material, information and financial flows in the supply chain. Each chapter of the book starts with an introductory case study. Numerous examples from various industries and services help to illustrate the key concepts. The book explains how to design operations and supply networks and how to incorporate suppliers and customers. As matching supply and demand is a core aspect of tactical planning, the book focuses on it before turning to the allocation of resources for fulfilling customer demands. Providing readers

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with a working knowledge of global supply chain and operations management, this textbook can be used in core, special and advanced classes.

Therefore, the book targets a broad range of students and professionals involved with supply chain and operations management. Special focus is directed at bridging theory and practice.

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

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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;

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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,

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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

Introduction to Operations and Supply Chain

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Management

Introduction to Operations Management

A Decision-Oriented Introduction to the Creation of Value

Operations Management in Agriculture

Operations Management for Business Excellence

"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

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strategy and forecasting.

'Operations Management: policy, practices, performance improvement' is the latest state-of-the-art approach to operations management. It provides new cutting edge input into operations management theory and practice that cannot be found in any other text. Discussing both strategic and tactical inputs it combines and balances service and manufacturing operations. * Cutting edge techniques accompanied by brand new case studies * Challenges standard approaches * Comprehensive coverage of strategic supply management * Critical sample questions to aid discussion * Reading lists and articles to support learning * Additional lecturer support material This outstanding author team is from the Operations

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Management Group at the University of Bath. Their expertise and knowledge is apparent in the text, and they bring to it their original research and experience in the field of operations management.

'This reader is an outstanding piece of work. It captures the essence of operations management by providing an interesting and sometimes provoking set of readings. It also provides an excellent review of the topic. Its approach to operations management is both topical and comprehensive. The editors have done an outstanding job of including many of the significant recent developments in the area, particularly in the technology and operations strategy areas' - Nigel Slack, Professor of Operations Strategy, Warwick University

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Handbook of Metrics for Research in Operations Management
Operations Management For Mbas, 3Rd Ed