

Operations Management By Slack 17 Chapter

This well-balanced text with its fine blend of theory and applications, gives an in-depth understanding of production and operations management in an easy-to-understand style. Employing an innovative approach, the author, shows how the use of modern advanced technology gives a boost to production processes and significantly helps production and operations management. The book clearly demonstrates the use of special software packages to solve actual problems. Retaining the original contents, the book, divided into six parts, explains following in its second edition WHY Necessity of production and operations management WHAT Product/service design, product quality and other issues HOW Process design and related issues WHERE Plant location, layout and capacity WHEN Planning and control of production operations WHO Human relations issues that affect production and operations Key features

- Learning objectives at the beginning of each chapter enable readers to focus on important points of a chapter.
- A concept quiz at the end of each chapter helps the reader to evaluate his understanding of the concepts explained in a chapter.
- Numerous solved examples, and answers to all chapter-end numerical problems have been provided.
- Covers Service Operations in almost every chapter in addition to the traditional manufacturing operations.
- A section with 10 progressive short case studies gives real-world experience.
- Chapter-end summary helps readers to review and recapitulate the key concepts.

The students of management and engineering (mechanical, production and industrial engineering) will be benefited with the book. An instructor manual containing PowerPoint slides and solutions to chapter-end problems is available. The book is recommended by AICTE for PGDM course. The link is www.aicte-india.org/modelsyllabus.php

This revitalized new edition of Strategic Operations Management focuses on the four core themes of operations strategy, a vital topic for any company's objectives: strategy, innovation, services, and supply. Expertly authored by a team of Europe's top scholars in the field, the text is enhanced by the addition of new case examples, graphic images, learning objectives, discussion questions, and suggestions for further reading. In addition, the companion website offers a comprehensive set of web links and videos to augment the learning experience. This truly comprehensive volume underscores the differences between the core theories that underpin operations management. Students taking MBA, MSc and MBM classes on operations management, advanced operations management, and strategic operations management will find this textbook fulfills all their requirements whilst advanced undergraduate classes in these areas will also find the book an essential read.

Investigates the impact of culture on Chinese and foreign corporations operating in China.

This widely adopted and well-established book, now in its Third Edition, provides the students of management and engineering with the latest techniques in production and operations management, considered so vital for maximizing productivity and profitability in business. What distinguishes the text is a comprehensive coverage of topics such as contract laws, capacity requirement planning, vendor evaluation including AHP method, quality function deployment, and enterprise resource planning. The new topics, which are of current interest, along with the characteristic features and easy-to-read style,

would enhance the value of this text. The book is primarily intended as a text for postgraduate students of management, undergraduate students of mechanical engineering and undergraduate and postgraduate students of industrial, and production engineering courses. This profusely illustrated and well-organized text with its fine blend of theory and applications would also be useful for the practicing professionals.

NEW TO THIS EDITION : Objective Type Questions at the end of each chapter
Additional example problems in Chapters 5 and 17 XYZ, VED, FSN, and SDE analyses
Process planning case study in Chapter 2 Case Study Questions in Chapters 2, 3, 4, 5, 6, 7, 9, 10, 11, 13, 14, and 15 Heuristic to minimise total tardiness in single machine scheduling
KEY FEATURES : Focuses on productivity related concepts and techniques
Provides solved examples at suitable places
Includes sufficient tables and diagrams to illustrate the concepts
Updates the reader with many efficient and modern algorithms
Contains Answers to selected questions and Objective type questions

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

Reflecting the latest developments in Microsoft Office Excel 2013, Anderson/Sweeney/Williams/Camm/Cochran/Fry/Ohlmann's AN INTRODUCTION TO MANAGEMENT SCIENCE: QUANTITATIVE APPROACHES TO DECISION MAKING, 14E equips readers with a sound conceptual understanding of the role that management science plays in the decision-making process. The trusted market leader for more than two decades, the book uses a proven problem-scenario approach to introduce each quantitative technique within an applications setting. All data sets, applications, and screen visuals reflect the details of Excel 2013 to effectively prepare you to work with the latest spreadsheet tools. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Were you looking for the book with access to MyOMLab? This product is the book alone, and does NOT come with access to MyOMLab. Buy "Operations Management with MyOMLab access card 7e" (ISBN 9780273776291) if you need access to the MyLab as well, and save money on this brilliant resource. Operations management is important, exciting, challenging ... and everywhere you look! - Important, because it enables organisations 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 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. 'Operations Management' focuses on the sustainable and socially responsible imperatives of operations management, using over 120 cases and illustrations of real-life operations around the world, including Apple, Medecins Sans Frontieres, Amazon, Ecover, Dyson, Disneyland Paris, Google, The North Face, and many more. Need extra support? This product is the book alone, and does NOT come with access to MyOMLab. This title can be supported by MyOMLab, an online homework and tutorial system which can be used by students for self-directed study or fully integrated into an instructor's course. You can benefit from MyOMLab at a reduced price by purchasing a pack containing a copy of the book and an access card for MyOMLab: "Operations Management with MyOMLab access card 6e" (ISBN 9780273776291). Alternatively, buy access to MyOMLab and the eText - an online version of the book - online at www.myomlab.com. For educator access, contact your Pearson Account Manager. To find out who your account manager is, visit www.pearsoned.co.uk/relocator

Confusing Textbooks? Missed Lectures? Not Enough Time? Fortunately for you, there's Schaum's Outlines. More than 40 million students have trusted Schaum's to help them succeed in the classroom and on exams. Schaum's is the key to faster learning and higher grades in every subject. Each Outline presents all the essential course information in an easy-to-follow, topic-by-topic format. You also get hundreds of examples, solved problems, and practice exercises to test your skills. This Schaum's Outline gives you Practice problems with full explanations that reinforce knowledge Coverage of the most up-to-date developments in your course field In-depth review of practices and applications Fully compatible with your classroom text, Schaum's highlights all the important facts you need to know. Use Schaum's to shorten your study time-and get your best test scores! Schaum's Outlines-Problem Solved.

Operations Management Pearson Higher Ed

The Business of Giving reviews current thinking and surveys the key techniques any philanthropist or grantmaker should adopt. It also outlines a generic social investment process that can be utilized for all philanthropic or grantmaking programmes. Essential reading for all engaged in or with an interest in philanthropy or civil society in general.

Operations Management ocuses on the sustainable and socially responsible imperatives of operations management, using over 120 cases and illustrations of

real-life operations around the world, including Apple, Medecins Sans Frontieres, Amazon, Ecover, Dyson, Disneyland Paris, google, The North face, and many more.

This book presents the conference proceedings of the 25th edition of the International Joint Conference on Industrial Engineering and Operations Management. The conference is organized by 6 institutions (from different countries and continents) that gather a large number of members in the field of operational management, industrial engineering and engineering management. This edition of the conference had the title: THE NEXT GENERATION OF PRODUCTION AND SERVICE SYSTEMS in order to emphasis unpredictable and very changeable future. This conference is aimed to enhance connection between academia and industry and to gather researchers and practitioners specializing in operation management, industrial engineering, engineering management and other related disciplines from around the world.

Sustainable management is an important consideration for businesses and organisations, and the enormous number of tourism events taking place requiring facilities, power, transport, people and much more makes sustainable event planning a considerable priority. By looking at mega events, sports events, conferences and festivals, this book uses best practice case studies to illustrate sustainable management issues and practical considerations that managers need to apply, providing an essential reference for researchers and students in leisure and tourism.

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Describes the key concepts of operations management, covering such topics as planning and control, the role of technology, and "just-in-time" techniques.

This book is the result of a four-year study into the most commonly used management tools and techniques in the areas of business strategy and finance, marketing, production and operations, and procurement and supply chain management. It explains which tools are used in small, medium-sized and large companies, whether based in the US, Europe or Asia, across many different industrial and service sectors. It explains

where companies find out about particular tools, and examines which appear to be the most successful.

Resourceful companies today must successfully manage the entire supply flow, from the sources of the firm, through the value-added processes of the firm, and on to the customers of the firm. The fourteenth Global Edition of Operations and Supply Chain Management provides well-balanced coverage of managing people and applying sophisticated technology to operations and supply chain management.

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

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.

Operation Strategy Second Edition Nigel Slack and Michael Lewis Ideal for Advanced Undergraduate and Postgraduate students, this book builds on concepts from Strategic Management, Operations Management, Marketing and HRM to give students a comprehensive understanding of Operations Strategy. Features Comprehensive and accessible with authoritative authorship and an excellent blend of theory and practice A European context Engaging case studies Teaching resources including an Instructor's Manual with extensive case notes and PowerPoint slides

at www.pearsoned.co.uk/slack. What's New? This new edition has been focused to concentrate on the most significant topics in the subject, with 10 chapters replacing the previous 15. New material has been added and coverage of some older topics has been revised (see new table of contents). End-of-chapter case exercises have been replaced by a major end-of-book section of 'Harvard-type' cases. New to the Instructor's resources online: additional cases and a set of questions and answers for class use / exam use. New coverage of hot topics, such as the implications of ERP and Six Sigma on ops strategy, agility and its inter-relationship with lean, supply management issues, operations strategy for competitive advantage and SCM, and implementation.

Management, the pursuit of objectives through the organization and co-ordination of people, has been and is a core feature-and function-of modern society. Some 'classic' forms of corporate and bureaucratic management may be seen as the prevalent form of organization and organizing in the 20th century, but in the post-Fordist, global,

knowledge-driven contemporary world we are seeing different patterns, principles, and styles of management as old models are questioned. The functions, ideologies, practices, and theories of management have changed over time, as recorded by many scholars, and may vary according to different models of organization, and between different cultures and societies. Whilst the administrative, corporate, or factory manager may be a figure on the wane, management as an ethos, organizing principle, culture, and field of academic teaching and research has increased dramatically in the last half century, and spread throughout the world. The purpose of this Handbook is to analyse and explore the evolution of management; the core functions and how they may have changed; its position in the culture/zeitgeist of modern society; the institutions and ideologies that support it; and likely challenges and changes in the future. This book looks at what management is, and how this may change over time. It provides an overview of management - its history, development, context, changing function in organization and society, key elements and functions, and contemporary and future challenges.

Technology-based firms continue to compete primarily on innovation, and one continuously required to present new solutions to an exacting market. As technological complexity and specialization intensifies, firms increasingly need to integrate and coordinate knowledge by means of project groups, diversified organizations, inter-organizational partnerships, and strategic alliances. Innovation processes have progressively become interdisciplinary, collaborative, inter-organizational, and international, and a firm's ability to synthesize knowledge across disciplines, organizations, and geographical locations has a major influence on its viability and success. This book demonstrates how knowledge integration is crucial in facilitating innovation within modern firms. This book provides original, detailed empirical studies of prerequisites, mechanisms, and outcomes of knowledge integration processes on several organizational levels, from key individuals, projects, and internal organizations, to collaboration between firms. It stresses the need to understand knowledge integration as a multi-level phenomenon, which requires a broad repertoire of organizational and technical means. It further clarifies the need for strong internal capabilities for exploiting external knowledge, reveals how costs of knowledge integration affect outcomes and strategic decisions, and discusses the managerial implications of fostering knowledge integration, providing practical guidance and support for managers of knowledge integration in high technology enterprises. The central focus of this book is how organizations deliver service and the operational decisions that managers face in managing resources and delivering service to their customers.

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.

The study and practice of operations has shifted to reflect the new challenges and uncertainties of how to thrive in today's ever-changing world. The Operations Advantage identifies the most significant challenges to the practice of operations

management and gives guidance on how businesses can respond. Leaders need to link the strategic objectives of the business clearly and logically to its operations performance objectives. The book presents a series of ten activities that will help them to do this and therefore make operations work better, such as designing and configuring internal processes and resourcing the operations appropriately. Based on the global teaching, training and consultancy conducted by the author, *The Operations Advantage* looks at the application of operations management across a range of sectors, including finance, healthcare, professional services, oil and gas industries. Although these diverse sectors require operations practitioners to apply knowledge in different ways, they essentially deal with the same set of processes. The book is an indispensable and unique guide for anyone with an operational role in any organization, as well as operations management students and academics.

Improving Changeover Performance is essential reading for managers, engineers and improvement practitioners working in manufacturing industries. It will also prove invaluable to original equipment manufacturers and postgraduates and academic researchers alike. Increasing importance is being placed on responsive, flexible manufacture in multi-product industrial environments. The ability to changeover production facilities both quickly and to a high standard is a key component of just-in-time and lean manufacturing paradigms, which are increasingly being adopted as businesses strive to compete in today's volatile and congested markets. Currently industry frequently adopts the SMED (Single Minute Exchange of Die) system, a well-established shop floor method to improve changeovers. This book takes a major step beyond the SMED system, by describing in much greater detail than hitherto the potential role of engineering design, of both substantive and non-substantive nature, to enhance changeovers. It also clearly sets out what better changeover performance can contribute to business competitiveness, and describes the many pitfalls that an improvement initiative can face. Provides overall methodology for changeover improvement
Incorporates design into SMED system
Recommended by the IMechE
Journal of Engineering Manufacture

Features a collection of papers that explores the challenges in identifying, building, and linking competences within and between organizations. This title includes a paper that describes a facilitated process through which managers may identify an organization's competences. It also explains basic issues in building organizational competence.

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.

Operations Management in Business is a comprehensive textbook that provides the ideal introduction to operations management for business students. Packed with case-study examples, it allows students to explore the key issues in operations management in a practical, applied way, and to appreciate the place of operations within business as a whole. What are its key features? A focussed coverage geared specifically to the requirements of introductory modules in operations management; incorporates recent work in such areas as international service and small business operations; and an applied, case-study driven approach which enables students to learn more effectively and independently.

Operations Management: Managing Global Supply Chains takes a holistic, integrated

