World Class Production and Inventory Management by Daryl V. Landreth 1997-07-31: The definitive guide to the latest tools & techniques for achieving production excellence and inventory control in a new world environment. This updated edition provides current information on the tools and techniques needed to manage the entire production and inventory management function. Includes: chapter on lean enterprise, section on total productive maintenance, expanded coverage on just-in-time systems, and complete discussion of production and inventory management strategy in the global marketplace. This new edition presents a comprehensive understanding of the subject and its function in all sectors of the economy. It examines the value of customer satisfaction, and the role of production and inventory management in the competitive environment of the 1990's. This book is an important resource for courses in production and inventory management at the undergraduate and graduate level.

World Class Production and Inventory Management by Richard Schonberger 1996: The best-selling author of Japanese Manufacturing Techniques reveals the failures of jiqpaning a company's worth according to sales and profits, offering sixteen customer-focused principles designed to measure a business's true worth. 40,000 first printing. Tour. Manufacturing Planning and Control Systems for Supply Chain Management by Thomas E. Vollmann 1998-04-20: Manufacturing Planning and Control Systems for Supply Chain Management is both the classic field handbook for manufacturing professionals in virtually any industry and the standard preparatory text for APICS certification courses. This essential reference has been totally revised and updated to give professionals the knowledge they need.

Benchmarking in the Process Industries: Muni Ahmad 1999 Aimed at introducing the subject of benchmarking to the process industries, this book is based on practical experience of over 200 process plants. It provides guidance on how to benchmark, where to find the benchmarks, how to quantify the gaps intended and suggests the impact of improving manufactured in the process industries. This book provides the framework, measures and industry world-class targets to allow organizations to maximize their potential.

Benchmarking Techniques - Richard Schonberger 2002: The relatively new field of benchmarking is one of the most exciting developments in the management of total quality and performance. This book is a comprehensive guide to the benchmarking approach: what it is, its origins, how it works, and how it is used in a changing environment. For managers in production and distribution, this book explains how to achieve maximum efficiency in their existing warehouse and manufacturing operations.

Performance Measurement for World Class Manufacturing by Brian H. Maskill 1991-07-01: If you are adopting world class manufacturing techniques, you’ll need a comprehensive plan to realize the benefits. The details of performance measurement - how to select measures, what measures to use, and how to implement them - are discussed in this book. Measuring the performance of individual work systems is the first step. The Second Edition of Total Materials Management presents accessible approaches for enhancing world-class warehousing and material handling operations. The book describes the new materials management system that controls material and information flow from raw materials through production, assembly, and delivery. Total Materials Management breaks through the confusing array of warehouse technology, buzzwords, and third-party management firms, and covers the full range of warehousing, including receiving, storage, and shipping. The book shows how to use world-class warehousing and material handling operations to improve profitability and reduce inventory, with a case study of how one of the world's largest manufacturers used warehousing cost analysis to break even on one of its older warehouses.

World Class Warehousing and Material Handling by Edward H. Fraible 2001-10-09: Timeless Insights for Planning and Managing 21st Century Warehouse Operations. Despite today’s just-in-time production mentality, with its efforts to eliminate warehouses and their inventory carrying costs, effective warehousing management continues to be the key to competitive advantage. This book helps management set the strategies, processes, and methods for dramatically increasing the efficiency, accuracy, and productivity, and overall productivity of warehousing operations. Written by one of today’s recognized logistics thought leaders, this comprehensive resource provides authoritative answers on such topics as: warehousing strategy; warehousing operations; warehousing activity profiling; Warehouse performance measures; Warehouse automation and computerization; and just-in-time warehousing. The book includes over 26 case studies and a wealth of information on the unique tools and techniques needed to manage the planning, production and inventory management functions of a manufacturing enterprise.

Total Materials Management by Richard Schonberger 1996: This book provides a comprehensive understanding of the subject and its function in all sectors of the economy. It examines the value of customer satisfaction, the role of production and inventory management in an environment of the 1990’s. This book is an important resource for courses in production and inventory management at the undergraduate and graduate level.

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Advanced Topics in Just-in-time Management by Jay H. Heizer 2003: In this textbook, Heizer (business administration, Texas Lutheran U.) and Render (operations management, Rollins College) provide a broad introduction to the field of operations management. A sampling of topics includes operations strategy for competitive advantage, forecasting, inventory management, quality management, and total quality management. The book contains video cases, study notes, Excel OM and Extend software, and additional practice problems.

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World-Class Warehousing and Material Handling, Second Edition - Edward H. Frazelle 2016-03-15 The classic guide to warehouse operations—now fully revised and updated with the latest information and data—offers comprehensive guidance on all aspects of managing the warehouse. Written by an expert in the field, this book provides authoritative answers on such topics as: · The seven principles of world-class warehousing · Warehouse activity and strategy · Safety, health, and environmental issues · Forecasting and capacity planning · Data accuracy, factory scheduling and supplier planning, business improvement, new technologies and more. The updated edition offers essential guidance on effective Supply Chain Management. Written by the experts at Oliver Wight, a leading global consultancy firm, the book provides readers with a clear understanding of the latest tools and methodologies for analyzing, planning, and implementing best practices in supply chain management.

World-Class Warehousing and Material Handling, 2nd Edition provides a comprehensive guide to planning and managing 21st-century warehouse operations. This comprehensive resource presents timeless insights on effective supply chain organization, globalization, and quick response to warehouse operations today are being asked to do more with less. The expectation now is that warehouses execute an increase in smaller transactions, handle and store more items, provide more frequent services, provide more value-added services, and deliver faster. By focusing on these key areas, companies can improve their warehouse operations and stay ahead of the curve. In this edition, Frazelle provides updated information on topics such as supply chain strategies, warehouse automation, and the role of technology in improving warehouse operations. He also includes new case studies and examples from companies that have implemented successful warehouse management systems.

Key features of the second edition:
- Comprehensive coverage of warehouse operations and material handling
- New chapters on warehouse automation, robotics, and the Internet of Things
- Updated case studies and examples from leading companies
- Guidance on implementing best practices for warehouse management
- Insights on the role of technology in improving warehouse efficiency

World-Class Warehousing and Material Handling, 2nd Edition is an essential resource for anyone involved in warehouse operations, including managers, executives, and consultants. It is also a valuable tool for students studying logistics and supply chain management.
goals Designed for students who have a basic foundation in production and operations management, the text provides a thorough understanding of the principles of Lean. It also offers practical know-how for implementing a culture of continuous improvement on the shop floor and in the office, creating a heightened sense of responsibility in all stakeholders, and enhancing productivity and efficiency to improve the bottom line. In this second edition, the author addresses management’s role in Lean production. Early observers of Japanese methods focused on the shop floor to see amazing things unlike anything practiced elsewhere. And the thinking was, if the “methods” could be adopted by companies elsewhere, those companies would experience the success of the Japanese. What the early observers hadn’t considered were dramatic differences in the way those companies were managed, both daily and strategically. The “management side” of Lean production is addressed in two new chapters, one devoted to daily management, the other to strategy deployment. Additionally, there is a new chapter that addresses breakthrough improvement and an approach to achieving it called Production Preparation Process. Every chapter has been revised and expanded to better tell the story of Lean production—its history, applications, practices, and methods.

Introduction to Business—Lawrence J. Gitman 2018 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 problems 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 success in this course and beyond.


Inventory and Production Management in Supply Chains—Edward A. Silver 2016-12-19 Authored by a team of experts, the new edition of this bestseller presents practical techniques for managing inventory and production throughout supply chains. It covers the current context of inventory and production management, replenishment systems for managing inventories within a firm, managing inventory in multiple locations and firms, and production management. The book presents sophisticated concepts and solutions with an eye towards today’s economy of global demand, cost-saving, and rapid cycles. It explains how to decrease working capital and how to deal with coordinating chains across boundaries.

Factory Physics—Wallace J. Hopp 2011-05-31 Our economy and future way of life depend on how well American manufacturing managers adapt to the dynamic, globally competitive landscape and evolve their firms to keep pace. A major challenge is how to structure the firms’ environment so that it attains the speed and low cost of high-volume flow lines while retaining the flexibility and customization potential of a low-volume job shop. The book three parts are organized according to three categories of skills required by managers and engineers: basics, intuition, and synthesis. Part I reviews traditional operations management techniques and identifies the necessary components of the science of manufacturing. Part II presents the core concepts of the book, beginning with the structure of the science of manufacturing and a discussion of the systems approach to problem solving. Other topics include behavioral tendencies of manufacturing plants, push and pull production systems, the human element in operations management, and the relationship between quality and operations. Chapter conclusions include main points and observations framed as manufacturing laws. In Part III, the lessons of Part I and the laws of Part II are applied to address specific manufacturing management issues in detail. The authors compare and contrast common problems, including shop floor control, long-range aggregate planning, workforce planning and capacity management. A main focus in Part III is to help readers visualize how general concepts in Part II can be applied to specific problems. Written for both engineering and management students, the authors demonstrate the effectiveness of a rule-based and data-driven approach to operations planning and control. They advance an organized framework from which to evaluate management practices and develop useful intuition about manufacturing systems.

Innovations in Competitive Manufacturing—Paul M. Swamidas 2012-12-06 Innovations in Competitive Manufacturing is an examination of manufacturing innovations - both technical and knowledge-based. Over the recent past, technology has created dramatic changes in manufacturing. As a result, the book focuses on the use of technology in gaining competitive advantage in global manufacturing. Forty topics are surveyed in the book, separated into thirteen chapters. Each topic is carefully written account by one or more leading researchers in that area. This is the first systematic examination of the recent innovations in manufacturing structure and technology. In addition to providing an understanding of these manufacturing innovations, the book underscores the strategic importance of creating and sustaining the technological resources to ensure a stable manufacturing economic base. The book’s purpose is to examine the elements that make today’s manufacturers successful. Many examples from industry throughout the book will enable the reader to appreciate and comprehend the concepts presented in the article. In addition to the technical and innovative information, implementation issues concerning new ideas and manufacturing practices are explored within the topical discussions. Four in-depth descriptions of real-life cases provide illustration of key principles. The book has been constructed as a reference tool for manufacturing researchers, students, and practitioners. Hence, after reading the introduction, “Innovation in Competitive Manufacturing: From JIT to E-Business,” any section or topic in the book can be consulted and/or read in any sequence the reader may choose.

Production & Operations Management—Upendra Kachroo 2009 Thin book takes a pedagogical approach that is participative and interactive, involving the case study method of learning. Chapters start with an Indian case study of a well known company. This is used as a case study for the chapter. The reader will find this an easy learning experience as data and additional information for these enterprises is readily available. The selection of such cases makes classroom learning truly suited to the Indian business environment.

The value driven approach to Operations Management is used in structuring the text into three modules. The first module discusses the infrastructure function of Operations Management. Infrastructure function is considered to be product, process, capacity and location. Module Two describes the structure of the operation function. This includes quality and other product transformation processes. Module Three focuses on the organization, people and processes i.e. the job, the work, and the workplace. In addition, most of the mathematical techniques have been separated into supplements attached to the relevant chapters.

Software solutions for the techniques have been explained in the text. Every mathematical technique is exemplified with a number of solved problems. Unlike many Production and Operations Management texts, this book covers E-commerce, Industrial Safety, Maintenance, Environmental Management (Green Productivity) and new technological trends in the discipline. These sections should add to the significance of exploring how firms can gain competitive advantage and promote sustainable development at the same time. The last section of the book comprises of a selection of cases from The Indian Institute of Management at Ahmedabad. The cases encompass the entire spectrum of Indian Industry the private and the public sectors, professional and family managed business organizations, service and manufacturing industries, single industry and conglomerates. The cases relate to Operations Strategy, Supply Chain Management, Capacity Planning, New Products, Manufacturing Technologies, etc. The Case Studies are of world class. Prof. Tirupati, one of the authors of the case studies, according to Management Science, has penned one of the top 100 management articles in the 50 years. The book is comprehensive, lucid and easy to read and understand. It should be of great value both to students and faculty.