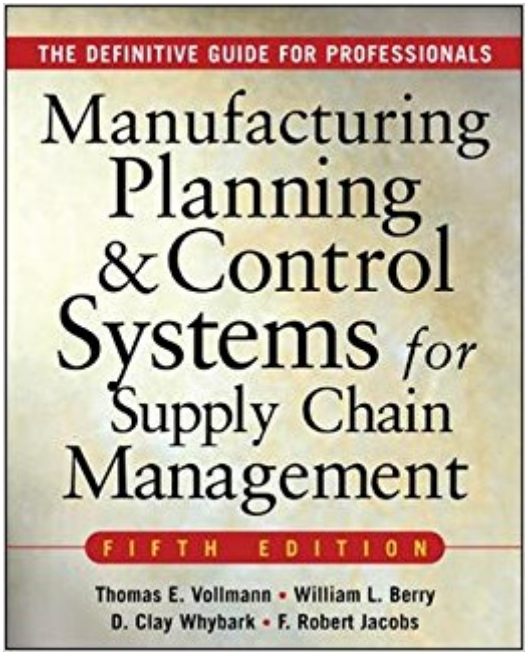
MANUFACTURING PLANNING AND CONTROL SYSTEMS FOR SUPPLY CHAIN MANAGEMENT : The Definitive Guide For Professionals



Synopsis

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.

Book Information

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The Standard Preparatory Text for APICS Certification Exams! How to use the latest MPC techniques to improve your supply chain effectiveness In today’s manufacturing environment, decisions must be made immediately and with little time for on-the-spot research or second-guessing. More than at any time in the past, professionals must rethink virtually every aspect of this streamlined manufacturing approach--or risk being left behind in the newly urgent race to both cut costs and reduce time. Manufacturing Planning & Control Systems for Supply Chain Management, Fifth Edition provides the information and analysis you need to remain both current and competitive. Completely revised and updated, this authoritative and essential book covers the new and existing state-of-the-manufacturing-art in areas including: Supply chain management Demand management Sales and operations planning Material requirements planning (MRP) Enterprise resource planning (ERP) Production activity control Inventory management Capacity planning and utilization The customer is king in today’s manufacturing environment, and meeting

customer demands has become the chief imperative for manufacturing success. Let Manufacturing Planning and Control Systems for Supply Chain Management provide you with the up-to-the-minute knowledge you need to meet those demands, and the details to meet them with dramatically greater speed and precision than your competitors. The world of manufacturing is experiencing a top-to-bottom transformation of a magnitude not seen since Henry Ford introduced the assembly line. Enterprise resource planning (ERP) systems increasingly integrate all internal company activities and functions, including manufacturing planning and control (MPC) systems. Decision making is transferred to floor level teams. Efficiency-driven processes are now being combined with global, web-driven interconnectedness between suppliers and customers, where the focus is on efficiencies gained by managing elaborate supply chains and networks. In all of this, today's customers set the manufacturing agenda, demanding increased speed, greater variety--and even a hand in the manufacturing process itself. Manufacturing Planning and Control Systems for Supply Chain Management, Fifth Edition, has been completely revamped to help you excel in this new manufacturing environment. Manufacturing professionals at every level, along with anyone studying for the APICS certification exams, can turn to this authoritative manufacturing professionals' handbook for the latest facts, techniques, and guidelines, in areas including: Enterprise Resource Planning (ERP)--What ERP is and how it works, including implementation examples and lessons from Eli Lilly, Scotts, and other multinational firms Supply Chain Management--Methods for coordinating flows of materials and information across companies, for dramatic improvement in overall effectiveness, with examples from Nokia, Hewlett-Packard, and Flextronics. Just-in-Time--JIT's key principles and features and how they impact MPC systems, with examples from JIT pioneer Toyota as well as the latest advances in JIT-based practices. Strategy and MPC System Design--Options for linking MPC system design with corporate strategy, plus integrating MRP and JIT in existing or new MPS systems Advanced Concepts--New approaches and frameworks in sales and operations planning, material requirements planning, scheduling, and supply chain partnering. Manufacturing Planning and Control Systems is both the classic field handbook for manufacturing professionals and the comprehensive preparatory text for APICS certification courses. Now, in this thoroughly revised and updated fifth edition, this vital book once again provides you with hands-on details of the latest MPC research and practice, and gives you the competitive advantage you need in today's high-stakes, no-holds-barred global manufacturing arena.

Thomas E. Vollman, Ph.D. (Switzerland) is a professor at IMD. William L. Berry, D.B.A. (Columbus,

OH) is a professor at Ohio State University. David Clay Whybark, Ph.D. (Chapel Hill, NC) is a professor at the University of North Carolina. F. Robert Jacobs, Ph.D. (Bloomington, IN) is a professor at Indiana University.

Dense. Rich. Thorough. Comprehensive. Authoritative. This well-written book presents manufacturing planning & control systems in abstract enough terms to separate them from any particular implementation, yet concretely enough to base your more detailed designs on. In software development terms, it’s at the level of Architecture, High-level design and requirements. But it’s not limited to software systems -- it’s about work functions and processes too.You leave the book feeling that you get it in some way, at a conceptual level, how a manufacturing endeavor has to be structured and what the various processes are that have to be intertwined and coordinated for it all to work.The authors take an in depth look at the evolution of "classical", "functional" manufacturing (as reflected incrementally in informal shop floor systems, to MRP & MRPII, to ERP) as well as newer intrafirm management systems like JIT and "lean manufacturing". The thrust of the text, though, is on the nascent developments leading to "lean organization", "lean enterprise" and "lean supply chain". The leading edge of this evolution is the appearance of interfirm supply chain systems that focus on improving the entire supply chain and sharing these improvements with all of the links in the chain.Overall an excellent, if somewhat slow, read.

This book is basic for the 2nd. and 4th. Modules of Apics CPIM Program.My Experience for 2nd. Module Exam:The book represents a good source of information as a primary reference. However, this book is not formatted to ease/facilitate learning on key aspects or Primary ideas. For the exam purpose, there are KEY ideas taken from the book that I found on the exam that were not clearly highlighted by the editors, therefore once reading you may think they are not so important.In this matter, the reference book for 1st. CPIM Module is much better and easy to understand (Introduction to Materials Management by Tony R Arnold). For my exam preparation, I complemented this book with "Master Scheduling" by John F. Proud.

Arrived on time, very please for the condition of the book it was really nice, almost like new. I recommend buying from this seller. The book its kind of boring, specially if you are trying to read it after reading " Introduction To Materials Management" from Arnold.

Excellent

Thanks

Great!

EXCELLENT

This book has key information regarding the whole MPC and it should not be missed by those who are planing on taking the APICS certification exams.

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