



Avraham Shtub, Technion, Israel Institute of Technology, Haifa, Israel;
Reuven Karni, Shenkar College of Engineering and Design, Ramat Gan, Israel

ERP

The Dynamics of Supply Chain and Process Management

ERP: The Dynamics of Supply Chain and Process Management is a complete updating and expansion of Avraham Shtub's award-winning 1999 text *Enterprise Resource Planning (ERP): The Dynamics of Operations Management*. New chapters, written together with his co-author Reuven Karni, cover enterprise process modeling; design of business processes; a complete revision of the original chapter on the integrated order-fulfillment process using ERP; business process management; business process improvement; and a new appendix on simulating process life cycles: using serious games as teaching aids, along with a complete description of and instructions for using the CD containing MERP™ – a Dynamic Case Study Simulator (DCSS™) from MBE Simulations Ltd.

MERP™ is designed to facilitate the teaching of integrated operations of a business organization with a focus on corporate performance management. It reflects a fully live environment and allows students to participate in a virtual organization made real and dynamic as minute-by-minute business events and conditions unfold.

This book is ideal for use in academic and executive programs aimed at teaching students how integrated systems work. It is suitable as a textbook for the basic MBA Operations Management course or as a text for courses on ERP systems and the development of business processes. In an industrial engineering program it could serve to give students their first, and perhaps only, introduction to business issues like market demand and supplier relationships.

Contents: Preface.- Introduction.- Organizations and organizational structures.- Enterprise process modeling.- Information and its use.- Marketing considerations.- Purchasing, outsourcing and inventory management.- Scheduling.- Design of business processes.- The integrated order-fulfillment process using MRP.- The integrated order-fulfillment using ERP.- Teaching and training integrated production and order management.- Business process management.- Business process improvement.- Appendix: Simulating process life cycles.

2010. 2nd ed. Approx. 295 p. 43 illus. Hardcover; ISBN: 978-0-387-74523-7

► \$ 119.00

Order Now!

Yes, please send me _____ copies

Shtub/Karni, ERP and SCM. 2nd ed.
ISBN: 978-0-387-74523-7 ► \$ 119.00

Methods of Payment Check/Money Order enclosed AmEx MasterCard VISA

Card No.

Exp. Date

Please send orders to:

Springer
Order Department
PO Box 2485
Secaucus, NJ 07096-2485

► Call toll-free 1-800-SPRINGER, 8:30 am – 5:30 pm ET
► Fax +1 (201) 348-4505 ► Email orders-ny@springer.com

| |
|--|
| Name |
| Address |
| Street Address |
| (Sorry, we cannot deliver to P.O. boxes) |
| City / State / ZIP-Code |
| Country |
| Telephone / Email |
| Date ✕ |
| Signature ✕ |

CA, MA, NJ, NY and PA residents, please add sales tax. Canadian residents, please add 5% GST. Please add \$5.00 for shipping one book and \$1.00 for each additional book. Outside the US and Canada add \$10.00 for first book, \$5.00 for each additional book. All orders are processed upon receipt. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent. Remember, your 30-day return privilege is always guaranteed. Pre-publication pricing: Unless otherwise stated, pre-pub prices are valid through the end of the third month following publication, and therefore are subject to change.