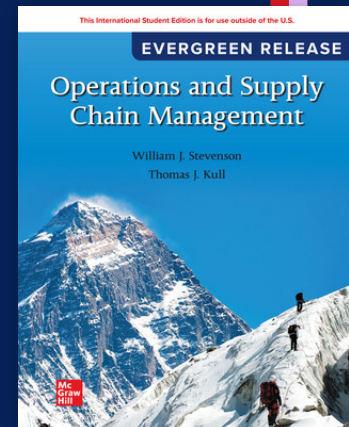


# Operations and Supply Chain Management

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2024 Release



## Overview

The 2024 release of this beloved and market-leading Operations Management title has been completely updated to provide a clear presentation of the field of Operations and Supply Chain Management. Operations & Supply Chain Management welcomes co-author, Thomas Kull of Arizona State University, as he brings his wealth of industry knowledge and experience, particularly in the area of supply chains. With current real-world examples and thoughtful student pedagogy, this comprehensive title offers a flexible modular approach that can be used for different course levels, ranging from undergrad to executive education. New additions to this title include updated content, new chapter “OM is Personal” openers focusing on a more holistic approach, an emphasis on supply chains and sustainability, author created Guided Examples, and 70+ new Integrated Excel problems.

## What You Need to Know

### Comprehensive

Exploration of vital business topics, including strategy, product design, and sustainability

### In-depth Coverage

Of manufacturing, service processes, facility layout, and process improvement

### Focus

On supply chain management, logistics, quality control, and inventory management

### Extensive Coverage

Of project management, forecasting, capacity planning, and various quality management systems, lean principles, global considerations, location strategies, scheduling, learning curves, work design, and linear programming.

### Depth of Topic Coverage

Low  High

### Writing Style

Easy to understand with a moderate quant emphasis

### Course Level

Undergrad Survey Course

### Duration of Course

1 Semester

## Table of Contents

1. Introduction to Operations Management
2. Competitiveness, Strategy, and Productivity
3. Forecasting
4. Product and Service Design  
Supplement to 4 Reliability
5. Strategic Capacity Planning for Products and Services  
Supplement to 5 Decision Theory
6. Process Selection and Facility Layout
7. Work Design and Measurement  
Supplement to 7 Learning Curves
8. Location Planning and Analysis
9. Management of Quality
10. Quality Control
11. Aggregate Planning and Master Scheduling
12. Inventory Management
13. MRP and ERP
14. JIT and Lean Operations  
Supplement to 14 Maintenance
15. Supply Chain Management
16. Scheduling
17. Project Management
18. Management of Waiting Lines
19. Linear Programming
- Appendix A: Answers to Selected Problems
- Appendix B: Tables
- Appendix C: Working with the Normal Distribution
- Appendix D: Ten Things to Remember Beyond the Final Exam



## This Title has Gone Evergreen

This title is transitioning to an Evergreen delivery model. This means you will have the most relevant and up-to-date content, tools, and accessibility delivered directly to your existing McGraw Hill Connect® course, all without switching editions or building a new course from scratch. If you use the McGraw Hill eBook, your content will be updated automatically. Please talk to your representative about your options if you require a print component. A complete list of Release Notes for this title is available within your Connect course at [connect.mheducation.com](https://connect.mheducation.com)

## Big Changes in this Release

In response to the dynamic landscape of operations management, the new release has undergone significant transformations. Emphasis of the 2024 Release has been placed on clarity, brevity, and relevance, with content revisions and additions throughout. A major highlight is the expanded focus on supply chains, acknowledging the interconnectedness of organizations and emphasizing the broader view necessary for each chapter's topic. Additionally, a notable enhancement is the inclusion of the human element into the content, marked by "OM is Personal" chapter openers meant to highlight the personal implications of each chapter's content on individuals within an organization, fostering a deeper understanding of how operational decisions impact personal goals and interests. Class preparation exercises have been revamped, proving popular among students as effective tools for both introducing new material and aiding in study purposes. Overall, these changes signify a commitment to staying up-to-date on industry developments, fostering a holistic perspective on operations, and integrating the human dimension into the fabric of operations and supply chain management education.