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Operations and supply chain management 15th edition pdf

Content not accessible when cookies are disabled. This article is copyright ©2023 McGraw Hill. All Rights Reserved. Meet Dr. William J Stevenson, Associate Professor of Decision Sciences at Rochester Institute of Technology. He teaches graduate and undergraduate courses in operations management and management science, and has authored textbooks on management science, statistics, and operations management. Joining him is Dr. Thomas Kull, Professor of Supply Chain Management at the W.P. Carey School of Business, Arizona State University. With over 30 years of experience in operations and supply chain executive roles, he has co-authored a book on cultural implications of lean manufacturing and developed six innovative learning simulations. Together, they have written the 15th edition of Operations and Supply Chain Management, which focuses on sustainability, lean supply chains, integration with customers and suppliers, and improving efficiency. The book features up-to-date managerial lessons, videos, and online resources, as well as local cases and examples from India to help students relate better. Some notable features of the book include its extensive framework addressing operational challenges, in-depth coverage of strategic risks, and practical applications for real-world scenarios. The fifteenth edition of Operations and Supply Chain Management has been revised to align with the current business environment. Key themes such as operational strategy, product design, and strategic capacity form a solid foundation for the book. It places increased emphasis on Supply Chain Analytics to better solve business problems. The publication introduces new exercises in assembly line design and queuing, demonstrating how manufacturing and service systems are organized. Additionally, it includes "OSCM at Work" boxes that provide concise overviews of applications in businesses today. The revised edition also covers the managerial aspect of quality control through Enterprise Resource Planning (ERP). To enhance student learning and retention, the book incorporates various pedagogical features such as practice exams and concept connections. Furthermore, the concepts have been strengthened to meet Indian needs, including sustainability in supply chain management, capacity management, maintenance management, and ERP or MRP application in operations supply chain management.