



What is the true source of a firm's long-term competitive advantage in manufacturing? Through original field studies, historical research, and statistical analyses, this book shows how Toyota Motor Corporation, one of the world's largest automobile companies, built distinctive capabilities in production, product development, and supplier management. Fujimoto asserts that it is Toyota's evolutionary learning capability that gives the company its advantage and demonstrates how this learning is put to use in daily work.

This book is both an expose and a study. The author describes the harsh conditions under which Toyota's casual workers toil and provides a detailed account of the sacrifices they make. The book challenges widely held views on the respective roles of skill, supervision and quality control in the car industry. The work should appeal to any reader with an interest in car making, the sociology of work or Japanese society in general.

Toyota Kaizen Methods: Six Steps to Improvement focuses on the skills and techniques practiced inside Toyota Motor Corporation during the past decades. This workbook focuses on the actual training course concepts and methods used by Toyota to develop employee skill level, a core element of Toyota's success. It is not a book about holding Western-style five-day Kaizen events, which were in reality quite rare during the development of Toyota's production system and are virtually nonexistent today inside Toyota. Written by two of Toyota's most revered and experienced trainers, the book — Traces the origins of Kaizen since the inception of Toyota Motor Corporation Articulates the basic six-step Kaizen improvement skills pattern taught inside Toyota Helps practitioners of Kaizen improve their own skill level and confidence by simplifying concepts and removing any mystery in the process Provides homework assignments and a wealth of forms for analyzing work processes If you take the time to study the concepts detailed here, you will be reviewing the same methods and techniques that were harnessed by generations of Toyota supervisors, managers, and engineers. These techniques are not the secret ingredient of Lean manufacturing; however, mastery of these timeless techniques will improve your ability to conduct improvement in almost any setting and generate improvement results for your organization.

How to speed up business processes, improve quality, and cut costs in any industry In factories around the world, Toyota consistently makes the highest-quality cars with the fewest defects of any competing manufacturer, while using fewer man-hours, less on-hand inventory, and half the floor space of its competitors. The Toyota Way is the first book for a general audience that explains the management principles and business philosophy behind Toyota's worldwide reputation for quality and reliability. Complete with profiles of organizations that have successfully adopted Toyota's principles, this book shows managers in every industry how to improve business processes by: Eliminating wasted time and resources Building quality into workplace systems Finding low-cost but reliable alternatives to expensive new technology Producing in small quantities Turning every employee into a qualitycontrol inspector

Foreword. . . Foreword. . Ch. 1. The journey begins. 5. Ch. 2. Introducing Dr. Shigeo Shingo. 15. Ch. 3. Taichi Ohno. 27. Ch. 4. Defining waste. 39. Ch. 5. Dr. Shingo asking five whys at Granville Phillips. 45. Ch. 6. My first trip to Japan : a thriller. 49. Ch. 7. Discovering Shingo : a magic moment. 63. Ch. 8. The lobster feast and the first changeover by Dr. Shingo. 71. Ch. 9. The study mission process. 85. Ch. 10. SMED - quick changeovers - the heart of JIT. 93. Ch. 11. My mental transformation : there are 'gems' scattered all over Japan. 103. Ch. 12. Developing an understanding of Japan. 121. Ch. 13. Factory tours : a feast for the eyes. 127. Ch. 14. The Gemba walk. 137. Ch. 15. 5 S. 143. Ch. 16. Discovering books in Japan. 147. Ch. 17. Fire the quality manager!. 155. Ch. 18. The best factory in the world. 161. Ch. 19. Getting to know Dr. Shingo. 171. Ch. 20. The birth of the Kaizen Blitz. 177. Ch. 21. Finding books and meeting Kazuhiro Uchiyama. 187. Ch. 22. Shingo to teacher. 193. Ch. 23. Never take no for an answer. 197. Ch. 24. Introduction to TPM - another billion dollar idea. 201. Ch. 25. Shigehiro Nakamura. 213. Ch. 26. Kaoru Ishikawa. 227. Ch. 27. Iwao Kobayashi - 20 keys. 231. Ch. 28. Union of Japanese scientists and engineers (JUSE). 235. Ch. 29. Dr. W. Edwards deming. 237. Ch. 30. The impact of Dr. Joseph Juran. 251. Ch. 31. Life time employment system. 253. Ch. 32. Quick and easy Kaizen. 257. Ch. 33. A gallery of great geniuses. 277. Ch. 34. Professor Louis E. Davis and socio-technical systems. 295. Ch. 35. Failure to change is a vice!. 301. Ch. 36. Summary. 305. Ch. 37. Gary Convis - President Toyota (TMMK). 307. Ch. 38. Gary Smuda - technicolor corporation. 319. Ch. 39. Professor Doc - Robert Hall. 329. Ch. 40. Don Dewar - President QCI International. 341. Ch. 41. Richard Schonberger. 345. Ch. 42. Vision statements. 355. . Lean terms. 361.

This is the "green book" that started it all -- the first book in English on JIT, written from the engineer's viewpoint. When Omark Industries bought 500 copies and studied it companywide, Omark became the American pioneer in JIT. Here is Dr. Shingo's classic industrial engineering rationale for the priority of process-based over operational improvements in manufacturing. He explains the basic mechanisms of the Toyota production system, examines production as a functional network of processes and operations, and then discusses the mechanism necessary to make JIT possible in any manufacturing plant. Provides original source material on Just-In-Time Demonstrates new ways to think about profit, inventory, waste, and productivity Explains the principles of leveling, standard work procedures, multi-machine handling, supplier relations, and much more If you are a serious student of manufacturing, you will benefit greatly from reading this primary resource on the powerful fundamentals of JIT.

The Just-in-time (JIT) manufacturing system is an internal system in use by its founder, Toyota Motor Corporation, but it has taken on a new look. Toyota Production System, Second Edition systematically describes the changes that have occurred to the most efficient production system in use today. Since the publication of the first edition of this book in 1983, Toyota has integrated JIT with computer integrated manufacturing technology and a strategic information system. The JIT goal of producing the necessary items in the necessary quantity at the necessary time is an internal driver of production and operations management. The addition of computer integrated technology (including expert systems by artificial intelligence) and information systems technology serve to further reduce costs, increase quality, and improve lead time. The new Toyota production system considers how to adapt production schedules to the demand changes in the marketplace while satisfying the goals of low cost, high quality, and timely delivery. The first edition of this book, Toyota Production System, published in 1983, is the basis for this book. It was translated into many languages including Spanish, Russian, Italian, Japanese, etc., and has played a definite role in inspiring production management systems throughout the world.

A Study of the Toyota Production System From an Industrial Engineering Viewpoint CRC Press

The history of crisis management shows that companies embark on particular strategies in response to crisis. So why are some companies' crisis communication strategies successful, while others are not? The purpose of this book is to broaden the existing knowledge of crisis response strategies by focusing on corporate identity as one of the factors that is most likely to influence their choice. Drawing upon insights from the sensemaking and chaos theories, as well as traditional and alternative, non-European, approaches to strategy formation, Olga Bloch contends that there is a reciprocal relationship between corporate identity and crisis response strategies. This relationship is examined on the example of Toyota Motor Corporation's communication in response to a crisis caused by a series of recalls of its vehicles in 2009-2010.

Examines the Toyota team culture as a conceptual framework and uses it to discuss related topics, such as workplace injuries, the implications of alienating assembly workers, and the role of women.

This is the "green book" that started it all -- the first book in English on JIT, written from the engineer's viewpoint. When Omark

