

Lean / Six Sigma Recommended Reading

Title	Author(s)	Year Published	ISBN #	Publisher	Synopsis	Estimated Price
Product Design for Manufacture & Assembly Revised & Expanded (Second Edition)	Geoffrey Boothroyd, Winston Knight, Peter Dewhurst	2001	082470584X	CRC Press	Product Design for Manufacture and Assembly is the gold standard for mechanical, manufacturing, materials, electrical and electronics, cost, industrial, and quality engineers; product designers; purchasing managers; and cost estimators; and an exceptional text for upper-level undergraduate and graduate students in these disciplines.	\$150
Design for Six SIGMA for Service	Kai Yang	2005	0071445552	McGraw-Hill	"Design for Six Sigma for Service" provides: working statistical tools for achieving peak performance Money saving, efficiency-boosting service procedures Measurement, analytical, and problem-solving tools for any service-oriented venue Design, implementation, embedding, and optimization strategies.	\$60
Lean Six SIGMA for Service	Michael L. George	2003	0071418210	McGraw-Hill	How to Use Lean Speed and Six SIGMA Quality to Improve Services and Transactions.	\$27
Lean Strategies for Product Development	Clifford Fiore	2003	0873896041	ASQ	Achieving Breakthrough Performance in Bringing Products to Market.	\$32
Managing the Design Factory	Donald G. Reinertsen	1997	0684839911	Free Press	A compelling model for profitable product development. Don Reinertsen reveals some of the best kept secrets to running a decision and profit based development process. This book will be a key resource for organizations using product development to compete in the competitive dynamic market we all encounter.	\$28
The Lean Six Sigma Pocket Toolbook	Michael L. George, John Maxey, David T. Rowlands, Michael George, David Rowlands, Mark Price	2004	0071441190	McGraw-Hill	The Lean Six Sigma Pocket Toolbook blends Lean and Six Sigma tools and concepts, providing expert advice on how to determine which tool within a "family" is best for different purposes. Packed with detailed examples and step-bystep instructions, it's the ideal handy reference guide to help Green and Black Belts make the transition from the classroom to the field.	\$18
Death by Meeting	Patrick Lencioni	2004	0787968056	Jossey-Bass	A Leadership Fable...About Solving the Most Painful Problem in Business	\$17

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The Innovator's Dilemma	Clayton M. Christensen	2003	0060521996	Harper Paperbacks	What do the Honda Supercub, Intel's 8088 processor, and hydraulic excavators have in common? They are all examples of disruptive technologies that helped to redefine the competitive landscape of their respective markets. These products did not come about as the result of successful companies carrying out sound business practices in established markets. In The Innovator's Dilemma, author Clayton M. Christensen shows how these and other products cut into the low end of the marketplace and eventually evolved to displace high-end competitors and their reigning technologies.	\$13
The Innovator's Solution: Creating and Sustaining Successful Growth	Clayton M. Christensen, Michael E. Raynor	2003	1578518520	Harvard Business Press	The Innovator's Dilemma) analyzes the strategies that allow corporations to successfully grow new businesses and outpace the other players in the marketplace. Christensen's earlier book examined how focusing on profits can destroy even well-run corporations, while this book focuses on companies expanding by being "disruptors" who are able to outpace their entrenched competition.	\$22
Essentials of SPC in the Process Industries	James M. Pruettk, Helmut Schneider	1996	1556173911	Instrument Society of America	Designed for those interested in learning the purpose and role of statistical process control in process improvement, this study explores several definitions of quality and the major contributions of pioneers in the quality control field. The relationship between product quality and production cost is stressed. The authors outline key differences between statistical process control and automatic process control, the demands of implementation and the potential benefits.	\$45

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Understanding Variation	Donald J. Wheeler	2000	0945320531	SPC PRESS	We live in the Information Age, and much of that information comes to us in the form of numbers. But before numerical information can be useful it must be analyzed, interpreted, and assimilated. Unfortunately, teaching the techniques for making sense of data has been neglected at all levels of our educational system. As a result, through our culture there is little appreciation of how to effectively use the volumes of data generated by both business and government. This book can remedy that situation.	\$25
Learning to See	Mike Rother and John Shook	1999	0966784308	Lean Enterprise Institute	Value Stream Mapping to Add Value and Eliminate MUDA (waste)	\$60
Seeing the Whole	Dan Jones and Jim Womack	2002	0966784359	Lean Enterprise Institute	The mapping methodology takes managers step-by-step through an improvement process that converts the traditional value stream of isolated, compartmentalized operations into an ideal future-state value stream in which value flows from raw materials to customer in just 6 percent of the time previously needed.	\$75
The Goal	Eliyahu M. Goldratt & Jeff Cox	2004	0884271781	North River Press	A Process of Ongoing Improvement. The Goal is a gripping, fast-paced business novel about overcoming the barriers to making money. You will learn the fundamentals of identifying and solving the problems created by constraints. From the moment you finish the book you will be able to start successfully addressing chronic productivity and quality problems.	\$15
The Six Sigma Memory Jogger II	Michael Brassar, Lynda Finn, Dana Ginn, Diane Ritter	2002	1576810445	Goal/QPC	This pocket guide presents forty-one Six Sigma tools including the CTQ (Critical To Quality) Tree, FMEA (Failure Mode and Effects Analysis), Kano Model, MSA Measurement Systems Analysis, Process Sigma, regression, SIPOC (Suppliers, Inputs, Process, Outputs, Customers), VOC (Voice of the Customer) Data-Collection System, and $y = f(x)$ formula.	\$18
The Design for Six Sigma Memory Jogger	Dana Ginn, Barbara Streibel, Evelyn Varner	2003	157681047X	Goal/QPC	This is a practical book, since is a summary of many techniques and process in order to implement DFSS methodology successfully.	\$28

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The Black Belt Memory Jogger	Paul Sheehy, Daniel Navarro, Robert Silvers, Victoria Keyes, Deb Dixon	2002	1576810437	Goal/QPC	A concise reference for use by practitioners and those on the shop floor.	\$18
The Lean Enterprise Memory Jogger	Richard L. Macinnes	2002	1576810453	Goal/QPC	A great tip and synopsis pocket book covering the tools and techniques for lean enterprise.	\$13
The GE Work-Out	Dave Ulrich, Steve Kerr, Ron Ashkenas	2002	0071384162	McGraw-Hill	Filled with effective assessment and decisionmaking tools, The GE Work-Out provides concrete and realistic guidance for anyone who wants to implement Work-Out and break down bureaucracy and hierarchy within an organization.	\$22
Boeing Frontiers Magazine	http://www.boeing.com/news/frontiers/index.html				Boeing Frontiers is a monthly magazine committed to telling Boeing's global story and relaying news and information about the company's strategic transformation. The magazine is printed the first Friday of each month	Free (read online)
Lean Transformation: How to Change Your Business into a Lean Enterprise	Bruce A. Henderson & Jorge L. Larco	1999	0964660121	Oaklea Publishing	Known in manufacturing among those striving to maximize productivity and create pull-scheduling of production as "the yellow book," Lean Transformation: How to Change Your Business into a Lean Enterprise is used across the globe by companies as they switch to lean production and management by empowered teams.	\$15
Topgrading	Bradford D. Smart	2005	1591840813	Portfolio Hardcover	How Leading Companies Win by Hiring, Coaching, and Keeping the Best People	\$20