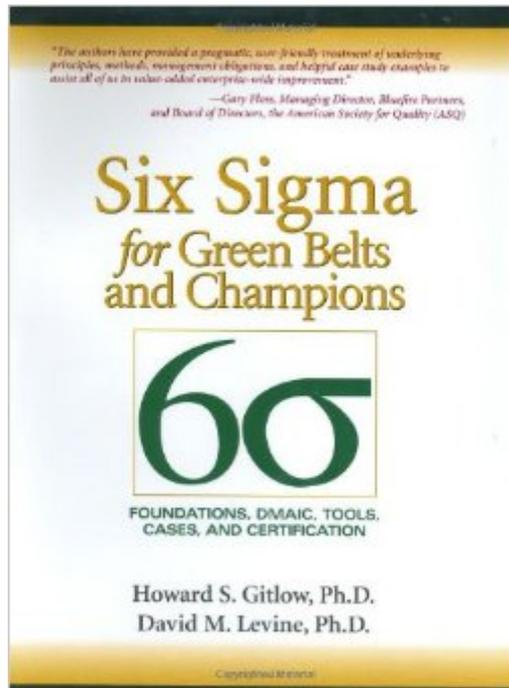


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# Six Sigma For Green Belts And Champions: Foundations, DMAIC, Tools, Cases, And Certification



## Synopsis

"Much has been said or written in recent times about the value of Six Sigma methodologies in driving organizational improvement. Yet, so many still seem to be intimidated by or skeptical about these principles and tools. In this text, Drs. Gitlow and Levine have provided a pragmatic, user-friendly treatment of underlying principles and methods, management obligations, and helpful case study examples to assist all of us in value-added enterprise-wide improvement." â Gary Floss, Managing Director, Bluefire Partners, and Board of Directors, the American Society for Quality (ASQ) "The authors provide the perfect blend of managerial insight and a straightforward "how to" approach to statistics. Anyone interested in learning about Six Sigma for the first time, or practitioners wanting to learn more, will find this book to-the-point, exciting, and easy to read. And also hard to put down!" â Timothy C. Krehbiel, Professor of Decision Sciences and MIS, Miami University (Ohio) "This book provides an excellent understanding of the foundations of quality management that provide a basis for the evolution of Six Sigma. For executives who wish to be "Champions" of Six Sigma, this book provides an understanding of what to expect of Green Belts as they work through a DMAIC project and what they should expect of themselves. Green Belt candidates will find the case studies extremely useful and informative. Both Champions and Green Belts will benefit from the comprehensive coverage of certification." â Edward A. Popovich, Ph. D., Vice President, Enterprise Excellence, Boca Raton Community Hospital and President, Sterling Enterprises International, Inc. The first complete Six Sigma implementation guide for Green Belts and Champions! Understand the rationale for Six Sigma Implement a proven executive framework for a successful quality initiative Use the DMAIC method for improvement from start to finish: Define, Measure, Analyze, Improve, and Control Manage Six Sigma statisticsâ "without becoming a statistician Learn through complete detailed manufacturing and service case studies Learn how to understand and manage Six Sigma statistics, through practical, Minitab-based application examples. Includes instructions for using Minitab software Learn how to pass Six Sigma certification examinations with sample questions and answers If you're "project managing" Six Sigma (potential Green Belt)â "or promoting it at the executive level (potential Champion)â "this is your book. It's the first Six Sigma book written specifically for Green Belts, Champions...and anyone who plans to become one. Two experts help you master the entire DMAIC model: Define, Measure, Analyze, Improve, and Control. You'll discover realistic solutions for Six Sigma's profound human and technical challenges. You can even prepare for one of the world's leading Six Sigma certification programs. Clear, detailed, and proven...this is the one indispensable book for anyone who must manage Six Sigma to success. Â© Copyright Pearson Education. All rights

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## Book Information

Hardcover: 736 pages

Publisher: FT Press; 1st edition (2005)

Language: English

ISBN-10: 013117262X

ISBN-13: 978-0131172623

Product Dimensions: 7.4 x 1.3 x 9.6 inches

Shipping Weight: 2.7 pounds

Average Customer Review: 4.0 out of 5 stars [See all reviews](#) (22 customer reviews)

Best Sellers Rank: #524,338 in Books (See Top 100 in Books) #108 in [Books > Business & Money > Management & Leadership > Quality Control & Management > Six Sigma](#) #232 in [Books > Business & Money > Management & Leadership > Quality Control & Management > Total Quality Management](#) #433 in [Books > Business & Money > Management & Leadership > Quality Control & Management > Quality Control](#)

## Customer Reviews

This book was well worth my time and money! Being a Six Sigma beginner, I found this book to be easy to follow and comprehend. Explained is the DMAIC process model, Voice of Customer (VOC), Voice of Process (VOP) and Design of Experiments (DOE) in clarifying detail. Best of all, it includes step-by-step explanations of project experiments and the statistical analyses from the experiments using Minitab 14! Whether you want to learn the basics of the Six Sigma process (Chapters 1-8) and / or basic Six Sigma statistical tools and methods (Chapters 9-15), I highly recommend this book! Note: Minitab 14 (Statistical software) is free for 30 days and the associated minitab-formatted exercise worksheets are downloadable from the publisher's website.

I was surprised by the well balanced and complete coverage of the Six Sigma methodology from DMAIC, including managerial steps, all the way to statistics up through Design of Experiments. The all inclusive topics seem to parallel full Black Belt training. I would expect green belts to be offered selections from the book in a standard course. I would say no other book has this "textbooky" look and feel (that is not meant as a criticism). At the end of chapters find Minitab instructions including screen shots. The material is well written, hence understandable, hence I think this is one of the best overall introductions to the subject without slamming the reader with high levels of

mathematical theory.

I think this book is an excellent resource for experienced Six Sigma managers. However, if you want to buy this book as a study guide for the SSGB certification test, or as an introduction to Six Sigma, it isn't going to help you out much. I guess my lowered rating is due to the fact that the book didn't meet my expectations as it was described on the site.

Poor examples fail to tie practice of six sigma to real life. The primary example used to help reader understand DMAIC concept is a fictitious paper shuffling department (PSD) that has defective metallic securing devices (MSDs) otherwise known as paper clips. No I am not making this up. The acronyms PSD and MSD are actually then used throughout the opening chapters with the examples. You should see look on fellow students faces as they try to understand concept and also understand value of the six sigma process and the authors response is to focus on broken paper clips. I understand need to have simplistic example, but this one only serves to discourage students from embracing these techniques which are broken down in excruciating detail. Some other examples that are real have data omitted because it's 'proprietary'...so reader is not allowed to see the data and can only see part of an example. Really?? This is a terrible introduction to a process that has embraced by many large corporations as a valuable tool. Students using this text will be discouraged by the arcane examples and are unlikely to embrace the techniques as a result. There must be better texts out there. Sorry to trash this book but it's awful!

This book in my opinion is not written at a green belt level. The opening 12 pages get into Taguchi functions which is very advanced. Book seems to be written for people getting a specific certification which is a University of Miami certification, however if you are looking for a more universal text that is more accessible Warren Brussee has two texts that seem to be much easier for students to understand. You need to understand your audience. If you have high level high functioning potential black belt individuals then this text may apply, but if you have people that are not in that category, I would recommend Warren Brussee's texts much more.

The book is a good overview but I found some of the examples to be poor. Too much skipping around on the examples due to confidentiality. Rather than using one project through each step, the author uses several projects for each step. Which is confusing.

I paid the fee like I was buying a book in good condition, but on contrary I was shocked when I saw the package! The cover was tear apart and the book hard cover was seperated from the pages! I am not satisfied at all!!!

Six Sigma for Green Belts and Champions is a completely accessible guide for actually doing Six Sigma. It is a must read for anyone interested in Six Sigma management.

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