

Rath Strongs Six Sigma Team Pocket Guide

The landmark project management reference, now in a new edition Now in a Tenth Edition, this industry-leading project management "bible" aligns its streamlined approach to the latest release of the Project Management Institute's Project Management Body of Knowledge (PMI®'s PMBOK® Guide), the new mandatory source of training for the Project Management Professional (PMP®) Certification Exam. This outstanding edition gives students and professionals a profound understanding of project management with insights from one of the best-known and respected authorities on the subject. From the intricate framework of organizational behavior and structure that can determine project success to the planning, scheduling, and controlling processes vital to effective project management, the new edition thoroughly covers every key component of the subject. This Tenth Edition features: New sections on scope changes, exiting a project, collective belief, and managing virtual teams More than twenty-five case studies, including a new case on the Iridium Project covering all aspects of project management 400 discussion questions More than 125 multiple-choice questions (PMI, PMBOK, PMP, and Project Management Professional are registered marks of the Project Management Institute, Inc.) Vital tools for implementing Lean Six Sigma--what they are, how they work, and which to use The Lean Six Sigma Pocket Toolbook is today's most complete and results-based reference to the tools and concepts needed to understand, implement, and leverage Lean Six Sigma. The only guide that groups tools by purpose and use, this hands-on reference provides: Analyses of nearly 100 tools and methodologies--from DMAIC and Pull Systems to Control Charts and Pareto Charts Detailed explanations of each tool to help you know how, when, and why to use it for maximum efficacy Sections for each tool explaining how to create it, how to interpret what you find, and expert tips Lean Six Sigma is today's leading technique to maximize production efficiency and maintain control over each step in the managerial process. With The Lean Six Sigma Pocket Toolbook, you'll discover how to propel your organization to new levels of competitive success--one tool at a time.

Metrics-Based Process Mapping (MBPM) is a tactical-level, visual mapping approach that enables improvement teams to make effective, data-based decisions regarding waste elimination and measure ongoing process performance. The mapping technique, often used to drill down from a value stream map, integrates the functional orientation of traditional swim-lane process maps with time and quality metrics that are essential for designing improved processes. Building on the success of its popular predecessor, Metrics-Based Process Mapping: An Excel-Based Solution, this book takes readers to the next level in understanding processes and process improvement. Included with the book is an interactive macro-driven Excel tool, which allows users to electronically capture their current and future state maps. The tool also audits the maps for completeness, summarizes the metrics, and auto-calculates the improvements. Improvements to this version include: Foundational content about processes—what they are and how they vary A description of the difference between value-stream and process-level maps New content about how to bridge the gap between your current state and your desired future state Tips for effective team formation and mapping facilitation An implementation plan for those using the mapping methodology as a standalone tool and not part of a Kaizen Event The Excel-based tool included on the accompanying CD provides readers with a user-friendly way to electronically archive manually created maps in team settings for easier storage and distribution across your entire organization. While current and future state MBPMs are initially created during team-based activities using butcher paper and post-its, the electronic maps serve as standard work documentation for the improved process, enabling training, communication, and process monitoring activities. This flexible, user-friendly tool includes: A custom toolbar that simplifies map creation and editing Automated calculation of key metrics An audit feature to prevent mapping errors The ability to simulate how improvements will impact staffing requirements System Requirements: The tool is intended for use on PCs using Excel 2003 or later—it will NOT function with earlier versions of Excel, or on Macintosh computers. View a demo of the Excel tool at: www.mbpmapping.com

The next step in the evolution of the organizational quality field, Lean Six Sigma (LSS) has come of age. However, many challenges to using LSS in lieu of, in conjunction with, or integrated with other quality initiatives remain. An update on the current focus of quality management, Quality Management for Organizations Using Lean Six Sigma Techniques covers the concepts and principles of Lean Six Sigma and its origins in quality, total quality management (TQM), and statistical process control (SPC), and then explores how it can be integrated into manufacturing, logistics, and healthcare operations. The book presents the background on quality and Lean Six Sigma (LSS) techniques and tools, previous history of LSS in manufacturing, and current applications of LSS in operations such as logistics and healthcare. It provides a decision model for choosing whether to use LSS or other quality initiatives, which projects should be selected and prioritized, and what to do with non-LSS projects. The author also details an integration model for integrating and developing integrated LSS and other quality initiatives, and common mathematical techniques that you can use for performing LSS statistical calculations. He describes methods to attain the different Six Sigma certifications, and closes with discussion of future directions of Lean Six Sigma and quality. Case studies illustrate the integration of LSS principles into other quality initiatives, highlighting best practices as well as successful and failed integrations. This guide gives you a balanced description of the good, bad, and ugly in integrating LSS into modern operations, giving you the understanding necessary to immediately apply the concepts to your quality processes.

A practical, straightforward guide to Six Sigma for employees in organizations contemplating or implementing Six Sigma From noted Six Sigma consultant and author George Eckes, Six Sigma for Everyone explains the underpinnings of the revolutionary quality assurance methodology, offers in-depth examples, and outlines the impact and desired end result of implementation. Whereas, most Six Sigma books are written for executives and practitioners of Six Sigma and tend to be overly technical or strategically focused, this book is written specifically for employees of organizations thinking about or already attempting implementation. George Eckes (Superior, CO) is founder, President, and CEO of Eckes & Associates, Inc., a Colorado-based consulting group specializing in results driven by continuous improvement, Six Sigma training and implementation, organizational development, and change management. Among his clients in the United States, Asia, Europe, and Mexico are Volvo Trucks North America, Honeywell, Wells Fargo, and General Electric. He is also the author of Six Sigma Team Dynamics (Wiley: 0-471-22277-1), Making Six Sigma Last (Wiley: 0-471-41548-0), and The Six Sigma Revolution (Wiley: 0-471-38822-X).

This practical, concise guide shows you how WorkOut--the simple but powerful problem-solving tool developed by Jack Welch at General Electric can increase Six Sigma's success. Hundreds

of organizations around the world have used WorkOut to get quick bottom-line results and empower their workforce. Now, Rath & Strong's WorkOut for Six Sigma Pocket Guide shows you, step-by-step, how to apply this tool to your Six Sigma initiative -- today. Learn how you can: Use WorkOut to set the stage for Six Sigma's success Find out if your Six Sigma initiative is in trouble and get it back on track with WorkOut Use WorkOut to make a good Six Sigma initiative even better

Achieve unparalleled customer satisfaction and greater profitability with this essential handbook! Six Sigma is a proven and highly effective business initiative for improving customer satisfaction and increasing the efficiency of processes. Rath & Strong's Six Sigma Leadership Handbook highlights the critical factors that make or break implementation, offers key best practices for getting it right the first time, and offers real-life examples and case studies that light the path to success. With Rath & Strong, you'll get an overview of the tools, methods, approaches, benefits, and risks that are associated with each element of the methodology.

Now published in its Third Edition, Principles of Strategic Management by Tony Morden is a proven textbook that offers a comprehensive introduction to the study and practice of strategic management. This new edition covers the fundamentals of strategic analysis and planning, strategy formulation, strategic choice, and strategy implementation. It contains new material on leadership and corporate governance, and on the strategic management of time, risk, and performance. There is a new chapter on the key issue of crisis and business continuity management. The book retains the strong international flavour of its predecessors. The book is constructed in sharply focused Parts and Chapters. The text is then broken down into accessible Sections. The presentation is clear and reader-friendly. Principles of Strategic Management is ideal for use on undergraduate, conversion masters, and MBA courses in business and management. Its reader-friendly approach also makes it suitable for block-release type courses, distance-learning programmes, self-directed study, in-company training, and continuing personal professional development.

Helps aspiring college students discover where their strengths truly lie and how to develop them to reach their full potential at school and later in the real world.

This new compendium of recent advances in the use of modern technology and management concepts-- from distributed virtual manufacturing enterprises to integrating green technology in a cost-effective manner to materials and energy savings will offer engineers and technical managers the needed insight to plan for future growth and success. Greater utilization and availability of resources in the workplace are directly related to better design and better engineering in the manufacturing economy. The book will explore how energy-efficient smart materials and structures hold tremendous potential for realizing cost savings and improving energy use in the modern industrial workplace. It will also show how industrial engineers have developed a variety of analytical and computer-based tools and technologies for planning, forecasting and scheduling resources including time, labor, and more recently, energy. Readers will also find: -- New trends in "i-Manufacturing" -- Finding optimal ways to distribute goods and services -- Human Resources Management in the context of efficient manufacturing -- Resources Planning, Forecasting and Scheduling -- Distribution, Logistics and Supply Chain Optimization -- Green Design and Manufacturing.

The radical new approach to management touted by GE, Motorola, and Sony demonstrates how to establish a virtually defect-free production process as opposed to correcting mistakes after they happen. Reprint. 17,500 first printing.

Resourceful companies today must successfully manage the entire supply flow, from the sources of the firm, through the value-added processes of the firm, and on to the customers of the firm. The fourteenth Global Edition of Operations and Supply Chain Management provides well-balanced coverage of managing people and applying sophisticated technology to operations and supply chain management.

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Written with managers, not statisticians in mind, this reference shows readers how to statistically evaluate a Six Sigma program, identify problems, and make tailor-made adjustments to get the desired results and revitalize a program Profits in tough times require prioritization and focus. If properly managed, Six Sigma methods can deliver dramatic improvement by increasing manufacturing and process efficiencies. But nearly 60% of all corporate Six Sigma initiatives fail to yield the desired results -- often companies take the "fighting fires" approach to business and do not take time to understand what the data is telling them, which is why many Six Sigma projects fail. The high-visibility of the Six Sigma Initiative has corporate executives committing to significant investment in resources often without any tangible improvement in profitability -- a fact neglected by most Six Sigma books. Written with Green belts, and managers in mind, this reference shows readers how to statistically evaluate a Six Sigma program, identify problems, and make tailor-made adjustments to get the desired results and revitalize a program.

PROVEN STRATEGIES FOR REVOLUTIONIZING HEALTHCARE SYSTEMS "If I had to sum up this book in one word, the word would be 'brilliant!' This is one of the most insightful books on TOC, not just for healthcare, that I have ever read." --BOB SPROULL, author of The Ultimate Improvement Cycle: Maximizing Profits through the Integration of Lean, Six Sigma, and the Theory of Constraints Performance Improvement for Healthcare: Leading Change with Lean, Six Sigma, and Constraints Management lays out an integrated approach for using three industrially based methods to transform hospital operations in terms of patient outcomes and experience, financial viability, and employee satisfaction. This pioneering guide presents a scalable strategy for managing bottlenecks, eliminating waste, reducing errors, and containing costs in healthcare organizations, as well as sustaining the gains achieved. Real-world case studies illustrate successful performance improvement implementations that have realized breakthrough operational and financial results. **COVERAGE INCLUDES:** Constraints Management applications in healthcare The NOVACES SystemCPI--an integrated performance improvement deployment approach Three-part assessment--strategic gap analysis, system-level value stream analysis, and system constraint analysis Planning a performance improvement program deployment to ensure timely and consistent execution Applying the right tool to the right problem from a system perspective Sustaining gains achieved by the performance improvement team Defining a path to self-sufficiency

The companion follow-up to one of the bestselling Six Sigma books ever published An alarming number of Six Sigma projects are failing--not because of misuse of Six Sigma's statistical tools but because of internal politics and poor communication between team members and the rest of the organization. The Rath & Strong's Six Sigma Team Pocket Guide helps team leaders and members reverse this trend, explaining the interpersonal and political skills needed to make each Six Sigma project a success. Written in the "pocket guide" format that proved so successful with the first Rath & Strong guide, and based on the firm's popular Six Sigma training workshops, this handy reference will show Six Sigma team leaders and members how to: Get buy-in and cooperation from all levels of the organization Lead or participate in productive team meetings Plan the people/team side just as they would plan the technical side

The book will cover the introduction to the Topic and can be used as a very useful study material for those who want to learn the topic in brief via a short and complete book. Thought-provoking and accessible in approach, this updated and expanded second edition of the * provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts.

In order to maximize IT resources and justify IT expenditures, CIO's and other IT managers must be able to identify meaningful metrics and explain them in a way that management can understand. The Business Value of IT: Managing Risks, Optimizing Performance, and Measuring Results solves this problem by providing practical answers to these questions: What does IT contribute to the business? Why should we care about IT governance? How can we best measure IT performance? How do we mitigate the risks associated with change? Leading consultants Michael D. Harris, David E. Herron, and Stasia Iwanicki share their real-world experiences to explain how you can demonstrate IT's value, and potentially find extra value you didn't know your IT organization creates. They also show how to apply risk management to process improvement and avoid unintended consequences of process improvement programs. The text provides the understanding required to discover the processes necessary to: prioritize your organization's IT activities. identify alternative measurement frameworks, and evaluate the best approaches to outsourcing. Many IT organizations have successfully implemented the techniques described in this book to increase their business value. This work identifies the organizational and cultural obstacles you need to remove to get started along the same path.

You're constantly challenged to grow your business, increase productivity, and improve quality—all while reducing or keeping budgets flat. So what's a manager to do? You've streamlined processes. You've restructured. You've sought customer and employee feedback. You've tried everything. Now, try something that works. Profit from the Positive is a practical, groundbreaking guide for business leaders, managers, executive coaches, and human resource professionals. Whether you lead three employees or 3,000, this book shows you how to increase productivity, collaboration, and profitability using the simple yet powerful tools from the new field of Positive Psychology. Featuring case studies of some of the most forward-thinking and successful companies today—Google, Zappos, and Amazon, to name a few—Profit from the Positive provides over two dozen evidence-based tools you can apply immediately. Learn how to: Set habits, not just goals Recognize the Achool! effect Stop asking the wrong questions Hire for what's not on the resume Turn strengths into a team sport Preview, don't just review, performance The best part? These strategies don't cost a dime to implement! Trained by Dr. Martin Seligman, who is known as the father of Positive Psychology, Margaret Greenberg and Senia Maymin translate the scientific research and make it accessible to the business world.

Rath & Strong's Integrated Lean Six Sigma Road Map takes you step by step in developing your Project Plan and shows you how to use Six Sigma tools to Eliminate Variation and Lean tools to Create Flow. This road map for Integrated Lean Six Sigma is ideal for both Manufacturing and Service industries. Black Belt, Green Belt, Sponsors, Champions, Stakeholders, Team Members - ALL Find this Road Map an invaluable resource for Lean Six Sigma methods, tools, techniques - and Milestones for each step of the Integrated Lean Six Sigma process.

The Six Sigma process improvement methodology demonstrates the critical importance of properly collecting and analyzing data. From its roots in the manufacturing environment, the power of Six Sigma has found its way into virtually all areas of business – regardless of product, service, industry, or profession. Companies everywhere are recognizing that they can save money using Six Sigma. Minitab statistical software, which has been used since the 1970s, has consistently proven to be effective in analyzing data in the context of Six Sigma methodology. Filled with figures and written in easy-to-understand language, this manual will help you: • use Minitab's functions to follow the DMAIC (Define, Measure, Analyze, Improve, Control) roadmap; • minimize the use of equations in explanations of data analysis; • maximize your understanding of Minitab's data analysis outputs. There are different Minitab screens that are used to create graphs and perform data analysis, and you'll also learn how to create these graphs and enhance displays for presentation purposes. Whether you're just learning Six Sigma or need a refresher course, Applying Six Sigma Using Minitab is a reference you'll use time and again to complete projects, save money, and accomplish your goals.

Rath & Strong's Design for Six Sigma Road Map is a comprehensive visual reference tool on Six Sigma as it relates to the design of products, services and processes. This road map on Design for Six Sigma is ideal for both Manufacturing and Service industries. Black Belts, Green Belt, Sponsors, Champions, Stakeholders, Team Members - all find this road map an invaluable resource for Design for Six Sigma methods, tools and techniques

Lead your organization into the 21st century with the help of this groundbreaking book that is already creating a stir in corporate boardrooms across America! In a book that does for managers what his mega-bestseller, The Team Handbook, did for teams, Peter Scholtes, who is widely acknowledged as one of the most influential Quality leaders of the decade, shows the real root of management problems. Learn how to stop blaming your workers and start changing the systems with the help of activities and exercises that enable you to immediately begin implementing breakthrough improvements in all your work processes!

Rath & Strong's Six Sigma Team Pocket Guide McGraw Hill Professional

Rath & Strong's Pocket Guide to Advanced Six Sigma Tools provides you with every vital detail you need to implement the most powerful, proven tools in Six Sigma. A companion reference to the bestselling Rath & Strong's Six Sigma Team Pocket Guide, this lean and mean book explains each tool in easy-to-understand language, showing how to apply the tool to solve real-world problems in every area of business.

TWO PROVEN TOOLS FOR SUCCESS IN ONE STEP-BY-STEP POCKET GUIDE Whether you've been using Six Sigma for years or are just starting to, you know it takes hard work to get it right. But WorkOut, developed by General Electric, can increase Six Sigma's success. Rath & Strong's WorkOut for Six Sigma Pocket Guide shows you how, with an action-ready game plan that you can apply to your initiative - right now. Learn how to: Set the stage for Six Sigma's success Find out if you're in trouble - and get back on track Make a good Six Sigma initiative even better See actual results--in less than three months "If you want to bring the power of WorkOut to Six Sigma, this pocket guide is an invaluable tool."--Ron Ashkenas, co-author of The GE Work-Out Six Sigma: A data-driven approach to meeting customer requirements, solving process problems, and achieving bottom-line results. WorkOut: The revolutionary problem-solving program that brings management and workers together to bust bureaucracy. Companies worldwide use Six Sigma to measure and improve performance. Others use WorkOut to get quick bottom-line results and empower their workforce. But few enjoy the enormous success General Electric achieved by combining these approaches. Rath & Strong shows you how to get that synergy, with a handy pocket guide full of charts, checklists, assessment tools, and

cases that help you: Prepare for, reenergize, or enhance a Six Sigma initiative Use a fast, simple alternative to Six Sigma Make your culture more participative, data-driven, and customer-focused Engage your front-line workers in Six Sigma

Outlines a program developed by Gallup experts and based on a study of more than two million people to help readers discover their distinct talents and strengths and how they can be translated into personal and career successes. 100,000 first printing.

A full, expert discussion of the last major component of Six Sigma implementation George Eckes' first two books on Six Sigma-The Six Sigma Revolution and Making Six Sigma Last-dealt with Six Sigma from a strategic level and from a cultural level, respectively. Six Sigma Team Dynamics covers the last component of Six Sigma-improving team processes. The successful completion of Six Sigma depends on teams working together and applying a proven methodology that defines, measures, analyzes, improves, and controls the process. These team dynamics and the roles and responsibilities of all constituencies are the last remaining key to successful Six Sigma implementation.

A brief introduction to Six Sigma for employees Six Sigma is today's most talked-about system for improving the quality of organizational processes. Written by bestselling author Peter Pande, What Is Six Sigma? is a concise summary of the core themes and processes of Six Sigma. Unlike almost all other books on Six Sigma, it is written for the employees of organizations rolling out Six Sigma not just managers. This helpful overview describes what Six Sigma is, why companies are implementing it, and how employees can make it a success in their own organizations. Based on the bestselling The Six Sigma Way, this accessible introduction to Six Sigma answers typical employee questions, concerns, and even skepticism about this revolutionary program. Includes: The six themes of Six Sigma A five-step roadmap to Six Sigma implementation The 10 basic tools of Six Sigma, with an entire page devoted to each

Companies routinely claim that 'Our People Are Our Greatest Asset', but research data shows that in practice most people do not actually use their assets much at work. This book aims to change that. When employees learn how to truly apply their greatest strengths at work, they turbo-charge their career potential and everybody wins. Companies find that their employees are more productive, their teams are more effective, their organization is more innovative and, accordingly, their customers are more engaged. In FIRST, BREAK ALL THE RULES, Marcus Buckingham proved the link between engaged employees and more profitable bottom lines and highlighted great managers as the catalyst. In NOW, DISCOVER YOUR STRENGTHS he explained how to sort through your patterns of wishes, abilities, thoughts and feelings and, with the help of a web-based profile, identify your five most dominant talents. In GO, PUT YOUR STRENGTHS TO WORK he shows you how to take the crucial next step. How to seize control of your time at work and, in the face of a world that doesn't much care whether you are playing to your strengths, how to rewrite your job description under the nose of your boss.

Applying this revolutionary management strategy to drive positive change in an organization Currently exploding onto the American business scene, the Six Sigma methodology fuels improved effectiveness and efficiency in an organization; according to General Electric's Jack Welch, it's the "most important initiative [they] have ever undertaken." Written by the consultant to GE Capital who helped implement Six Sigma at GE and GE's General Manager of e-Commerce, Making Six Sigma Last offers businesses the tools they need to make Six Sigma work for them--and cultivate long-lasting, positive results. Successful Six Sigma occurs when the technical and cultural components of change balance in an organization; this timely, comprehensive book is devoted to the cultural component of implementing Six Sigma, explaining how to manage it to maintain that balance. The authors address how to create the need for Six Sigma; diagnose the four types of resistance to Six Sigma and how to overcome them; manage the systems and structures; and lead a Six Sigma initiative. This book applies the Six Sigma approach to business operations across the organization--unlike other titles that focus on product development. Plus, it provides strategies, tactics, and tools to improve profitability by centering on the relationship between product defects and product yields, reliability, costs, cycle time, and schedule. George Eckes (Superior, CO) is the founder and principal consultant for Eckes & Associates. His clients include GE Capital, Pfizer, Westin, Honeywell, and Volvo. Eckes has published numerous papers on the topic of performance improvement and is the author of The Six Sigma Revolution: How General Electric and Others Turned Process into Profits (0-471-38822-X) (Wiley).

A simple, take-along guide to achieving lasting business results A companion to the bestselling Rath & Strong Pocket Guide to Six Sigma, Rath & Strong's Pocket Guide to Advanced Six Sigma Tools is designed to help Six Sigma black belts, green belts, and team leaders from every field to implement the most powerful tools in Six Sigma without getting bogged down in statistical theory. This pocket-sized field guide provides practical advice on the use of advanced tools, such as: sampling, analysis of variance, multiple regression, and design of experiments. Each tool is explained in easy-to-understand language, permitting the reader to solve real-world problems in any area of business. Covers step-by-step implementation of the most important Six Sigma tools. Features a heavy emphasis on applying the best tools to solve practical business problems. Explains how to use Microsoft Excel and Minitab statistical software to simplify the process.

"A thoughtful, complete, and very readable approach to robust engineering. It presents insights that correlate with those learned at Ford while developing and executing Design for Six Sigma. Having this book three years ago could've helped with that effort."—David Amos, DFSS Deployment Director, Ford Motor Company Written by Anna C. Thornton, the well-known author who coined the phrase "variation risk management," this comprehensive book presents new methods and implementation strategies based on her research of industry practices and her personal experience with such companies as The Boeing Company, Eastman Kodak Company, Ford Motor Company, Johnson & Johnson, and many others. Step-by-step guidelines show how you can implement and apply variation risk management to real-world problems within the existing systems of an

organization.

The most comprehensive Six Sigma reference available, now revised and expanded Completely rewritten and reorganized, this second edition of The Six Sigma Handbook covers all the basic statistics and quality improvement tools of the Six Sigma quality management system. This new edition reflects the developments in Six Sigma over the past few years and will help maintain the book's position as the leading comprehensive guide to Six Sigma. Key changes to this edition include: New chapters on DFSS (Design for Six Sigma); Minitab, the most popular statistical software for Six Sigma; Six Sigma philosophy and values; flowcharting; and SIPOC Coverage of the core problem-solving technique DMAIC (Define, Measure, Analyze, Improve, Control) Dozens of downloadable, customizable Six Sigma work sheets New material on important advanced Six Sigma tools such as FMEA (Failure Mode and Effects Analysis)

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