

The book was found

Engineering Project Management For The Global High Technology Industry



Synopsis

PROVEN STRATEGIES FOR SUCCESSFULLY MANAGING HIGH-TECH ENGINEERING

PROJECTS Engineering Project Management for the Global High-Technology Industry describes how to effectively implement a wide array of project management tools and techniques and covers comprehensive details on the entire product development lifecycle. Technology management--from research to advanced development to adoption in new products--is explained with examples of organizational structure and required timelines. This practical guide discusses key topics such as creating a business plan, performing economic analysis, leveraging internal resources and the supply chain, planning project development, controlling projects, tracking progress, managing risk, and reporting to management. Skills essential to the successful project manager, including communication, leadership, and teamwork, are also addressed. Real-world case studies from top global technology companies illustrate the concepts presented in the book. **COVERAGE**

INCLUDES: Project lifecycle and development of engineering project management tools and techniques Product stages and project management structures for developing them Project inception: benchmarking, IP, and voice of the customer (VoC) VoC case study Project justification and engineering economic analysis Make or buy: subcontracting and managing the supply chain Engineering project planning and execution Project phases, control, risk analysis, and team leadership Project monitoring and control case study Engineering project communications Engineering project and product costing Building and managing teams

Book Information

Hardcover: 432 pages

Publisher: McGraw-Hill Education; 1 edition (January 7, 2014)

Language: English

ISBN-10: 0071815368

ISBN-13: 978-0071815369

Product Dimensions: 7.6 x 1.1 x 9.5 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 stars [See all reviews](#) (9 customer reviews)

Best Sellers Rank: #654,669 in Books (See Top 100 in Books) #105 in [Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Production, Operation & Management](#) #189 in [Books > Business & Money > Management & Leadership > Project Management > Technical](#) #384 in [Books > Textbooks > Engineering > Industrial](#)

Customer Reviews

Overall I enjoyed this book. I found it imminently readable and filled with relevant material. The author has addressed, explained, and demonstrated the latest tools and techniques, and he has directly addressed typical project pitfalls. Whether one is engaged in product development or any large scale project the methods are critical and current. The book is well organized, and the topics are grouped in clear logical categories. The book begins with the historical perspective detailing the changes and developments that have happened over the last 40 years. With this background the author begins to explore and explain the individual tools. This structure is helpful in the initial reading and is critical when used as reference book. Thus it can be readily used as a "how to book", and covers all topics from project initiation through completion are covered. In addition there is a good use of case studies which not only show the implementation of the tools and also show the comprehensive nature of the project and the project manager's role. Key helpful points are: 1. A strong Bibliography provides additional reference material. 2. Full list and explanation of Project tools (management and engineering) 3. Clear and concise review of relevant financial models 4. Team dynamics a. Organization and team make up b. Conflict resolution c. Communication d. Building and managing teams 5. The reality of working with and partnering with subcontractors 6. Global product development 7. Risk identification and mitigation 8. Strong emphasis on application and the reality of the work place a. Case studies b. Real world problems 9. Identifying the "land mines" 10. Resource Planning and Process Mapping 11.

[Download to continue reading...](#)

Engineering Project Management for the Global High Technology Industry A Comprehensive Guide to Project Management Schedule and Cost Control: Methods and Models for Managing the Project Lifecycle (FT Press Project Management) The Wiley Project Engineer's Desk Reference: Project Engineering, Operations, and Management Successful Project Management (with Microsoft Project CD-ROM) Revised An Introduction to Project Management, Fourth Edition : With Brief Guides to Microsoft Project 2013 and AtTask Project Management for Mining: Handbook for Delivering Project Success High Blood Pressure Cure: How To Lower Blood Pressure Naturally in 30 Days (Alternative Medicine, Natural Cures, Natural Remedies, High Blood Pressure ... Cures for High Blood Pressure, High BI) Framing Production: Technology, Culture, and Change in the British Bicycle Industry (Inside Technology) Concrete Technology (Trade, Technology & Industry) Regulating for Competition: Government, Law, and the Pharmaceutical Industry in the United

Kingdom and France (Government-Industry Relations) Literary Market Place 2015: The Directory of the American Book Publishing Industry with Industry Indexes (Literary Market Place (Lmp)) Logistica Internacional/ International Logistics: Administracion de La cadena de abastecimiento global/ Global Supply Chain Management (Spanish Edition) Building Construction Estimating (Mcgraw-Hill Series in Construction Engineering and Project Management) FIBER OPTIC NETWORKS outside plant construction & project management techniques: A Guide to Outside Plant Engineering Python: Learn Python in One Day and Learn It Well. Python for Beginners with Hands-on Project. (Learn Coding Fast with Hands-On Project Book 1) CSS (with HTML5): Learn CSS in One Day and Learn It Well. CSS for Beginners with Hands-on Project. Includes HTML5. (Learn Coding Fast with Hands-On Project Book 2) C#: Learn C# in One Day and Learn It Well. C# for Beginners with Hands-on Project. (Learn Coding Fast with Hands-On Project Book 3) Bundle: New Perspectives on Microsoft Project 2010: Introductory + Microsoft Project 2010 60 Day Trial CD-ROM for Shelly/Rosenblatt's Systems Analysis and Design Trivia: The Rosie Project: A Novel By Graeme Simsion (Trivia-On-Books) (The Rosie Project & The Rosie Effect Bundle Book 1) The Laramie Project and The Laramie Project: Ten Years Later

[Dmca](#)