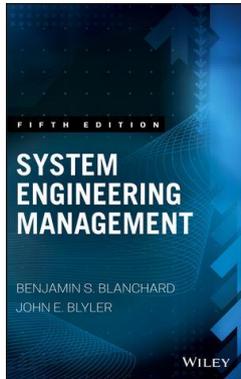


PM WORLD BOOK REVIEW



Book Title: ***System Engineering Management, Fifth Edition***

Author: **Benjamin S. Blanchard, John E. Blyler**

Publisher: John Wiley & Sons

List Price: \$155.00 Format: Hard Cover, 576 pages

Publication Date: 2016 ISBN: 9781119047827

Reviewer: **Edward Raibick, PMP**

Review Date: September / 2016

Introduction

The book titled ***System Engineering Management*** is a comprehensive publication, providing readers with a step-by-step guide for managing complex system engineering projects. This guide takes the reader through a disciplined systems approach in managing the project, from definition of system requirements through retirement of the deliverable. The book also covers topics such as system architecture, system analysis and logistics, supply chain management and reliability engineering.

Overview of Book's Structure

- **Chapter 1** defines System Engineering and common terms.
- **Chapter 2** covers the complete System Design Engineering process.
- **Chapter 3** details design requirements and design engineering disciplines.
- **Chapter 4** introduces the reader to engineering design methods and tools.
- **Chapter 5** outlines the System Engineering design review and evaluation process.
- **Chapter 6** details System Engineering program planning.
- **Chapter 7** introduces developing a System Engineering organization in a business environment.

Highlights

The Systems Engineering Management book provides the user with knowledge and tools needed to produce systems that are robust, high quality and supportable.

Provided are many checklists, diagrams, calculations and illustrations to support the design methodologies and concepts discussed in the book.

The appendix offers case studies, design review checklist, a supplier evaluation checklist as well as cost processes and models.

Highlights: What I liked!

This book provides very detailed analysis of the processes and methodologies involved in system engineering design and management. It introduces new concepts related to agile engineering and model-based system engineering (MBSE).

Who might benefit from the Book?

I would suggest this book to project managers and stakeholders involved with larger, enterprise-scale systems management projects. The book would also serve as a great resource for a graduate level course on the subject of systems engineering management.

Conclusion

The ***System Engineering Management*** book is an analytical and deep read for those involved in coordinating and managing system engineering projects through the complete life cycle. Corporate level analysis of the structures and interdependencies between business units make it a valuable reference for those engaged in system engineering management in any organization.

For more about this book, go to: <http://www.wiley.com/WileyCDA/WileyTitle/productCd-111904782X.html>

Editor's note: This book review was the result of a partnership between the publisher, PM World and the [PMI Dallas Chapter](#). Authors and publishers provide the books to PM World; books are delivered to the PMI Dallas Chapter, where they are offered free to PMI members to review; book reviews are published in the PM World Journal and PM World Library. PMI Dallas Chapter members can keep the books as well as claim PDUs for PMP recertification when their reviews are published. Chapter members are generally mid-career professionals, the audience for most project management books. If you are an author or publisher of a project management-related book, and would like the book reviewed through this program, please contact editor@pmworldjournal.net.

About the Reviewer



Edward Raibick, PMP

Texas, USA



Edward Raibick, PMP is a PM consultant with extensive experience software engineering, managerial and IT Project Management experience. Edward holds a Master's degree in Information Technology with a concentration in Internet and IT security, a Bachelor's degree in Information Technology and an Associate in Specialized Technology degree in Electronics. His career includes over 10 years with the IBM Corporation and over 15 years with Texas Instruments. Edward is a member of the Project Management Institute, Dallas Chapter, having acquired his PMP certification in 2011.

Email: raibick@sbcglobal.net