

Free epub Information technology project management 7th edition kathy schwalbe [PDF]

Information Technology Project Management Fundamentals of Technology Project Management
Information Technology Project Management Project Management for Business, Engineering, and
Technology Information Technology Project Management Project Management for Engineering, Business
and Technology Managing Information Technology Projects INFORMATION TECHNOLOGY PROJECT
MANAGEMENT, 3RD ED The Complete Software Project Manager Breakthrough Technology Project
Management Information Technology Project Management, Revised Integrated IT Project Management
Managing High-Technology Programs and Projects Managing Information Technology Projects Managing
Information Technology Projects: Building A Body Of Knowledge In It Project Management Project
Management Handbook of Research on Technology Project Management, Planning, and Operations The
Little Book of Project Management Wisdom Information Technology Project Management Managing
Technology-Based Projects Information Technology Project Management INFORMATION TECHNOLOGY
PROJECT MANAGEMENT 5E. Information Systems Project Management Perspectives and Techniques for
Improving Information Technology Project Management Project Management in Manufacturing and High
Technology Operations Information Technology Project Management, with CD-ROM 5E Wiley E-Text
Studet Package Information Technology Project Management : a Concise Study Project Management
Nation Breakthrough Technology Project Management Project Management for Engineering and
Technology Project Management ToolBox Engineering Project Management for the Global High
Technology Industry Team Development for High-tech Project Managers STEP Project Management
Project Management Techniques and Innovations in Information Technology Reinventing Project
Management Project Management for Engineering Design Succeeding in the Project Management Jungle
Project Management Information Technology Project Management

Information Technology Project Management

2007

every recent innovation in it can be traced back to a project this title builds an unparalleled foundation for tomorrow s creators and managers by providing meaningful examples of real projects both successful and failed and applying the lessons to a sound framework in it project management

Fundamentals of Technology Project Management

2004

successful project management is increasingly vital to all organizations driven by the demands of global competition rapid technological growth and faster time to market just to name a few for those in technology fields project management skills are fast becoming a required core competency and those who have mastered these skills continue to be in high demand worldwide commanding higher salaries than those around them but how does one extend those skills or acquire them in the first place fundamentals of technology project management is a great place to start of the hundreds of project management books on the market precious few address the unique needs of the it project manager unlike most other project management books fundamentals of technology project management tackles the specific issues that technology professionals must face such as understanding technology resources managing project scope and feature creep and meeting client expectations among many others whether you re a college student a software engineer or an it professional fundamentals of technology project management will help you gain a comprehensive understanding of the project management life cycle and learn how to manage it from first steps on through to intermediate topics as well as some advanced ones author colleen garton explains in easy to understand language not only the what but the how of it projects what s more unlike general project management books the examples and case studies in this book are all based on technology projects making them far more relevant to the learner also included is a content rich cd rom loaded with features to make the life of any it project manager or the it professional with project management responsibilities far easier there are document templates you can use for all phases of the project from the initial rfp to closing reports plus the author steps you through meeting agendas status reports cost analysis technical specifications and more in addition to the document templates you re provided with powerpoint slides that can be modified and used for reporting progress to users and management the continuing rise in importance of project management cannot be denied let this book be your guide to becoming a more effective more efficient it project manager with fundamentals of technology project management you will discover the top ten reasons projects fail master the five keys to project success explore the six phases of the project lifecycle step by step review the documents necessary for good project management and learn how to complete them understand the warning signs of a project in trouble and learn how to get it back on track learn quality management and quality assurance practices in easy to understand terms acquire practical ways to develop effective leadership and team building skills

Information Technology Project Management

2006

the fourth edition of the best selling information technology project management includes dozens of examples of projects both successes and failures providing a real world context for learning the author explains the foundations of project management project integration scope time cost quality human resources communications risk and procurement using real life business experiences back cover

Project Management for Business, Engineering, and Technology

2008

appropriate for classes on the management of service product and engineering projects this book encompasses the full range of project management from origins philosophy and methodology to actual applications

Information Technology Project Management

2016-02-08

the 5th edition of jack marchewka s information technology project management focuses on how to

create measurable organizational value through its projects the author uses the concept of mov combined with his own research to create a solid foundation for making decisions throughout the project's lifecycle the book's integration of project management and its concepts provides students with the tools and techniques they need to develop in this field

Project Management for Engineering, Business and Technology

2017-01-20

project management for engineering business and technology 5th edition addresses project management across all industries first covering the essential background from origins and philosophy to methodology the bulk of the book is dedicated to concepts and techniques for practical application coverage includes project initiation and proposals scope and task definition scheduling budgeting risk analysis control project selection and portfolio management program management project organization and all important people aspects project leadership team building conflict resolution and stress management the systems development cycle is used as a framework to discuss project management in a variety of situations making this the go to book for managing virtually any kind of project program or task force the authors focus on the ultimate purpose of project management to unify and integrate the interests resources and work efforts of many stakeholders as well as the planning scheduling and budgeting needed to accomplish overall project goals this new edition features updates throughout to cover the latest developments in project management methodologies new examples and 18 new case studies throughout to help students develop their understanding and put principles into practice a new chapter on agile project management and lean expanded coverage of program management stakeholder engagement buffer management and managing virtual teams and cultural differences in international projects alignment with pmbok terms and definitions for ease of use alongside pmi certifications cross reference to ipma apm and prince2 methodologies extensive instructor support materials including an instructor's manual powerpoint slides answers to chapter review questions problems and cases and a test bank of questions taking a technical yet accessible approach project management for business engineering and technology 5th edition is an ideal resource and reference for all advanced undergraduate and graduate students in project management courses as well as for practicing project managers across all industry sectors

Managing Information Technology Projects

2010

managing information technology projects 6e international edition offers the behind the scene aspect of technology by weaving together theory and practice this text presents an understandable integrated view of the many concepts skills tools and techniques involved in project management

INFORMATION TECHNOLOGY PROJECT MANAGEMENT, 3RD ED

2009-09-01

market desc it professionals special features uses the concept of mov to create a solid foundation for making decisions throughout the project's lifecycle presents more hands on practical exercises at the end of every chapter to show how the concepts are applied in the field updates and reorganizes the chapters to improve the flow of topics prepares readers for the pmp certification exam with a new appendix incorporates nine areas outlined in the project management institute's project management body of knowledge pmbok into the basic concepts about the book this book provides it project managers with the tools to create measurable organizational value mov this edition presents more hands on practical exercises at the end of every chapter to show how the concepts are applied in the field the chapters have been updated and reorganized to improve the flow of topics an appendix that discusses how to prepare for the pmp certification exam is also included it will help it professionals gain the skills to achieve a higher level of success

The Complete Software Project Manager

2016-01-25

your answer to the software project management gap the complete software project manager from planning to launch and beyond addresses an interesting problem experienced by today's project managers they are often leading software projects but have no background in technology to close this gap in experience and help you improve your software project management skills this

essential text covers key topics including how to understand software development and why it is so difficult how to plan a project choose technology platforms and develop project specifications how to staff a project how to develop a budget test software development progress and troubleshoot problems and what to do when it all goes wrong real life examples hints and management tools help you apply these new ideas and lists of red flags danger signals and things to avoid at all costs assist in keeping your project on track companies have due to the nature of the competitive environment been somewhat forced to adopt new technologies oftentimes the professionals leading the development of these technologies do not have any experience in the tech field and this can cause problems to improve efficiency and effectiveness this groundbreaking book offers guidance to professionals who need a crash course in software project management review the basics of software project management and dig into the more complicated topics that guide you in developing an effective management approach avoid common pitfalls by perusing red flags danger signals and things to avoid at all costs leverage practical roadmaps charts and step by step processes explore real world examples to see effective software project management in action the complete software project manager from planning to launch and beyond is a fundamental resource for professionals who are leading software projects but do not have a background in technology

Breakthrough Technology Project Management

2016-09-17

although there are many books of methods and tools in different areas few books actually give detailed tips and lessons on how to effectively set up and manage projects most books on project management devote all their space to specific methods breakthrough technology project management second edition provides tangible guidelines through examples and suggestions to help people participate in and manage projects more effectively the authors techniques and guidelines have been proven over the past 15 years in courses and counseling this book is a valuable tool for those working in information systems engineering computer science operations and production and other environments involving project management

Information Technology Project Management, Revised

2013-09-09

discover exciting behind the scenes opportunities and challenges in technology today with schwalbe s unique information technology project management revised 7e this one of a kind book demonstrates the principles distinctive to managing information technology it projects that extend well beyond standard project management requirements no book offers more up to the minute insights and software tools for it project management success including updates that reflect the latest pmbok guide 5th edition the global standard for managing projects and earning certification the book weaves today s theory with successful practices for an understandable integrated presentation that focuses on the concepts tools and techniques that are most effective today information technology project management is the only book to apply all ten project management knowledge areas to it projects you master skills in project integration scope time cost quality human resource communications risk procurement and stakeholder management as well as all five process groups initiating planning executing monitoring and controlling and closing intriguing examples from familiar companies featured in today s news a new agile case opportunities with mindview software and a new chapter on project stakeholder management further ensure you are equipped to manage information technology projects with success the revised seventh edition has updated appendix a for microsoft project 2013 important notice media content referenced within the product description or the product text may not be available in the ebook version

Integrated IT Project Management

2004

annotation integrated it project management a model centric approach utilizes practical applications of real world policies roles and responsibilities templates process flows and checklists for each of these three component processes it shows how such processes ensure optimum utilization of people process and technology resources during the management and delivery of it projects the book provides insight into the key components of the rational unified process from ibm rational corporation and the project management body of knowledge pmbok from the project management institute pmi illustrating how they work together and align based on industry processing standards book jacket title summary field provided by blackwell north america inc all

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Managing High-Technology Programs and Projects

2003-03-13

a well known author within the field russell archibald is widely known in the project management field he helped to found the project management institute and he is a former principal with integrated project systems a consulting firm that specializes in process and system implementation and training in project management for high tech corporations and agencies the definitive book on managing high tech initiatives this book fulfills a long standing need for a comprehensive practical and unified description of the business of managing complex programs and projects it provides detailed coverage of all aspects of complex project management with emphasis on those involving advanced technology

Managing Information Technology Projects

2004

information technology project management has changed dramatically over recent years drawing on the experiences of successful project management beyond the it industry and synergizing cutting edge research with well established practices in the it industry this book prefigures the next normal in it project management as a milestone publication this book augments and boosts the specialized body of knowledge in it project management by capturing and consolidating key elements of this knowledge base chapters are presented in four distinct sections each examining a different aspect of it project management which includes generic project management methodologies teambuilding in relation to stakeholder management the iron triangle of time cost quality and risk and new and innovative technologies and software for improved project management substantiated case studies and practical guidelines are designed to be of value to practitioners at all levels of it project management from novices to experienced practitioners while collectively elevating the body of knowledge and skills needed this book aims to upgrade and update the knowledge of current practice to novices offer pointers to experienced practitioners on potential areas for improvement and provide innovative insights to undergraduates researchers and other academics on the development appreciation and application of it project management knowledge

Managing Information Technology Projects: Building A Body Of Knowledge In It Project Management

2023-03-07

intended and designed to be used in senior undergraduate and graduate level classes as an introductory course in project management project management process technology practice includes process knowledge areas and a guide to the scrum body of knowledge sboktm guide to provide a detailed view of agile methods project management process technology practice by ganesh vaidyanathan integrates many examples of practices from aerospace automotive construction new product development healthcare and it industries covers major it software processes including sei cmm sdlc iterative approach spiral model rational unified process agile model and the extreme programming model includes pmbok project management processes continuous improvement management of projects and six sigma are included devotes a supplemental chapter on agile project management covers project management topics such as brainstorming thought process map tmap quality functional deployment kano model affinity diagram fishbone diagrams check sheets pareto chart nominal grouping technique delphi technique swot analysis and burndown charts explained step by step with real world examples features project initiation methods including how to select projects and set priorities how to write a project charter how to select a project manager and project team how to identify stakeholders and conduct stakeholder analysis how to gather requirements for a project and how to prepare and write a project scope the chapter includes how companies align their project strategy with their corporate strategy with examples integrates decision making methods for procurement with various types of contracts covers risk identification planning monitoring and control includes techniques such as project failure mode and effects analysis pfmea and decision trees to make the transition to the publication virtually seamless the author has created supplemental and instructor resources including instructor s manual excel files for book examples and answers to all end of chapter questions customizable powerpoint presentations test item file with an extensive set of multiple choice true false and essay type questions for each chapter ranked according to difficulty level and referenced with page numbers from the text image library project management templates students understand how to

write plans and project documents these templates are filled with examples student projects library a compilation of students projects from various universities is available on the book website in addition all book materials will be available as videos suitable for online classes the videos will be of 15 minute short duration modules which will be suitable for students to learn effectively this will also allow the instructors to choose parts of each chapter that is pertinent and important for themselves and their students i have used such videos in my online classes and the feedback from students have been very positive

Project Management

2022-01-30

this book provides a compendium of terms definitions and explanations of concepts processes and acronyms that reflect the growing trends issues and applications of technology project management provided by publisher

Handbook of Research on Technology Project Management, Planning, and Operations

2009-05-31

this book is one that every frustrated project manager would like to place on the desk of those who cook up projects without involving the troops on the ground based on the author s experience managing information technology projects in the us and canada the little book of project wisdom is a valuable resource and easy to read it s an essential quick reference guide for new and seasoned project managers project sponsors executives professional services salespeople and anyone in customer service taking a pragmatic look at many of the unwritten challenges faced by project personnel this compact volume offers common sense approaches to these problems while the book refers to challenges faced in the it industry it s also a valid reference for projects anywhere and in any sector sensitive topics such as isolated ivory tower executives overzealous salespeople stress and remote foreign resources are covered with respect and in good detail this book is a major revision of give your project wings and has been updated extensively this work is not a textbook and offers practical and sometimes entertaining real world perspectives on project management beyond the boring project theory books

The Little Book of Project Management Wisdom

2021-03

this book is aimed at emphasizing the fundamental concepts by approaching project management in information technology it from a balanced perspective of theory and practice presenting the information in an abstracted form the text guides the students through all the phases of project life cycle initiation planning execution monitoring and control and closing besides such general management activities this book comprehensively deals with all the critical dimensions of projects such as scope time cost quality human resources communication risk procurement and integration in order to enhance the reader s under standing of technical competencies required in project management the second edition has been completely reorganized and considerable amount of new material has been added to make the topics self contained this text is well suited for academic courses on it project management or for conducting equivalent training programmes for it professionals it project managers aspiring to get appropriate certification e g pmp based on pmbok 2004 from pmi usa will greatly benefit by reading this book this book will be equally useful to the busy professionals who wish to grasp the essentials without attending a formal instructional course

Information Technology Project Management

2007-08

a guide to effective project management in technology based firms used effectively project management can increase a firm s market share product quality and customer satisfaction though technology based companies place themselves at a competitive disadvantage if they neglect this strategic tool many overlook project management s benefits because they see themselves as continuously adapting organizations in reality this role makes project management even more vital managing technology based projects imparts the latest approaches and tools essential to lead a successful technology based project it outlines the practical integration of project management with four key areas strategic alignment of projects within the enterprise the project management

process and its organizational support system invaluable tools and techniques and the individual and group leadership within a project s organization complete with examples of industrial applications the book includes methods for defining key performance indicators and assessing project management process effectiveness suggestions for fine tuning and continuous improvement practical case scenarios discussion topics end of chapter reviews and exercises attention to project management as it applies to a globalized business no one in a managerial role should be without thamhain s expert advice this guidebook is your road map to successfully incorporating enterprise project management into technology based work

Managing Technology-Based Projects

2014-03-17

many of the project management methods and techniques of the past are still being used today even though the technology management and environment have changed information technology project management explores the need to employ a modern project management approach to reflect today s environment focusing on it projects lientz provides a comprehensive examination of the project management process from the initiation of the project through to the planning design execution and closing key features detailed coverage of pmbok and prince2 methodologies explores the practical aspects of project management extensive case studies from a variety of industries checklists and scorecards to measure all aspects of the project management process coverage of hr and other soft elements of project management guidelines on preventing project problems and failure based on the authors own extensive industry and teaching practice information technology project management is an essential resource for undergraduate postgraduate and mba students studying project management earlier editions of this work were published as breakthrough technology project management

Information Technology Project Management

2017-09-16

plan information systems project management helps you successfully deliver your projects on time on budget and with desired results

INFORMATION TECHNOLOGY PROJECT MANAGEMENT 5E.

2015

perspectives and techniques for improving information technology project management discusses the variety of information systems and how it can improve project management and likewise how project management can affect the growth of information systems using new frameworks technologies and methods this comprehensive collection is useful for professionals researchers and software developers interested in learning more on this emerging field

Information Systems Project Management

2005

project management is a system originally developed within the construction industry for controlling schedules costs and specifications of large multitask projects in recent years manufacturers have discovered that project management s time tested techniques dovetail neatly with the current thinking on quality control and management in a highly competitive global marketplace the system has been increasingly recognized for its suitability in the manufacturing process and is now applied in virtually every area of production one of the foremost proponents of this trend is adedeji badiru an internationally recognized authority on project management whose books have helped thousands of companies adapt the system to their particular needs this completely revised second edition of badiru s breakthrough publication project management in manufacturing and high technology operations focuses on the dramatic increase in the use of high tech machinery in industrial operations and seamlessly integrates high tech themes into a general discussion of project management an introductory chapter on manufacturing analysis investigates how the latest concepts and techniques of project management are applied to manufacturing the main body of the book offers a wealth of new material including discussions of learning curve analysis basic models for forecasting and inventory control economic analysis of manufacturing techniques for data analysis and the application of expert systems the chapter on computer applications in project management is completely revised and updated to reflect the enormous strides taken in this area in recent years this book presents an up to date practical approach to

project management in manufacturing written by a pioneer in the application of project management to the manufacturing industries this revised and expanded second edition of project management in manufacturing and high technology operations reflects the increased use of high tech machinery in industrial operations and the trends of recent years to apply project management methods to every phase of production complete with numerous illustrations as well as exercises to wrap up each chapter this second edition features an emphasis on practical examples including many new case studies and a full chapter on the lessons learned from the space shuttle challenger disaster many new project management concepts and techniques that focus on manufacturing but can be applied to any project a new chapter on manufacturing systems analysis that provides the backdrop for the project analysis that takes place throughout the book expanded discussions of the latest quantitative and managerial approaches including learning curve analysis basic models for forecasting and inventory control economic analysis of manufacturing techniques for data analysis and the application of expert systems a strong international perspective useful for multinational companies and for academic purposes this book equips engineers and managers with the tools to effectively manage all aspects of a project including quality control schedules and expenses used as a text in engineering or business courses it offers absorbing supplemental reading for students at the upper undergraduate and graduate levels professor badiru has been widely praised for his incisive and highly relevant case studies in this second edition the case study approach is expanded so that chapters typically include two real world examples of the project management techniques or issues in question in the final chapter badiru takes a close and painful look at a high tech disaster the explosion of the space shuttle challenger he offers rare and instructive insight into the devastating failure of a high tech project still poignant despite the passage of time communicative throughout this volume provides a solid up to date reference for engineers and managers in manufacturing as well as for consultants and administrators in related fields professor badiru s proven reputation for providing interesting lecture material also makes project management in manufacturing and high technology operations especially useful as a technology management text in both engineering and business schools cover design illustration david levy

Perspectives and Techniques for Improving Information Technology Project Management

2013-01-31

this book in its third edition is aimed at emphasizing the fundamental concepts associated with it project management from a balanced perspective of theory and practice by presenting the information in an abstracted form this text guides the students through all phases of project life cycle i e initiation planning execution monitoring and control and closure besides such general management activities this book comprehensively deals with all critical dimensions of project such as scope time cost quality human resources communication risk procure ment and integrations in order to enhance the reader s understanding of technical competencies required in project management new to this edition incorporates all the changes brought about in pmbok 2008 fourth edition and iso9000 2008 though the basic structure of this book remains the same several chapters have been modified and reorganized according to the latest trends this book is well suited for an academic course one semester on it project management or for conducting an equivalent training programme for it professionals it project managers who are aspiring to get appropriate certification course based on pmbok 2008 fourth edition from pmi usa will be greatly benefited by reading this book besides this book will be equally useful for the software professionals who wish to grasp the essentials without attending a formal instructional course on the subject

Project Management in Manufacturing and High Technology Operations

1996-06-07

der projektmanager nimmt in der it branche eine zentrale stellung ein project management nation ist eine sammlung praktischer tipps ratschläge und techniken die it projektmanagern helfen ihre fähigkeiten im projektmanagement zu verbessern schwerpunkte liegen dabei sowohl auf der geschäftsstrategie als auch auf der geschäftsanalyse das buch ist ideal geeignet für einsteiger und für erfahrene it projektmanager die mit it projekten für kunden aus verschiedenen branchen betraut sind mit schritt für schritt anleitungen für jede projektphase project management nation eine wahre fundgrube praxiserprobter ratschläge tipps und techniken

Information Technology Project Management, with CD-ROM 5E Wiley E-Text Studet Package

2015-02-02

although there are many books of methods and tools in different areas few books actually give detailed tips and lessons on how to effectively set up and manage projects most books on project management devote all their space to specific methods breakthrough technology project management second edition provides tangible guidelines through examples and suggestions to help people participate in and manage projects more effectively the authors techniques and guidelines have been proven over the past 15 years in courses and counseling this book is a valuable tool for those working in information systems engineering computer science operations and production and other environments involving project management key features the purpose of this book is to answer how can the overall technology project management process be improved which systems projects should be given resources and approved for action how can all systems and technology projects be better managed together how can individual projects be better managed and more successful what are specific guidelines for managing different types of projects the scope of the book answers what projects should be approved how do you formulate and start projects effectively how do you manage single and multiple projects how do you identify analyze and address specific project issues how do you obtain results through communicating effectively with management team members staff and vendors

Information Technology Project Management : a Concise Study

2010-12

the complete up to date guide to project management for engineering and technology that fully reflects the latest pmbok standards project management for engineering and technology is the up to date guide to engineering and technology specific project management that fully reflects the latest standards in the project management body of knowledge pmbok unlike competitive texts it covers not just project management process skills but also crucial people skills such as negotiation personal time management change management diversity and overcoming adversity topics covered include scheduling cost estimating budgets human resources communication procurement quality plans risk management team building project monitoring control and closeout readers will find up to date case studies related to the full spectrum of engineering and technology projects including design manufacturing quality improvement and process development they will master skills they can apply in assignments ranging from the design and manufacture of the largest jetliner to the smallest circuit board every chapter contains a case study that illustrates the complexities and challenges of real world engineering and technology projects and shows why effective project management is so critical teaching and learning experience this book will help engineering and technology professionals quickly master project management best practices it provides comprehensive engineering and technology specific coverage fully aligned to the project management body of knowledge pmbok thoroughly in accordance with the latest standards in the project management body of knowledge pmbok and focused entirely on engineering and technology up to date coverage of realistic engineering and technology projects and project management challenges illuminates the specific realities of engineering and technology project management with realistic case studies of complex challenging projects throughout hands on focus comprehensive pedagogical tools and support for flexible approaches to teaching and learning supported by comprehensive pedagogical tools and designed for both classroom and online learning in a wide range of programs

Project Management Nation

2002-07-31

boost your performance with improved project management tactics project management toolbox tools and techniques for the practicing project manager second edition offers a succinct explanation of when where and how to use project management resources to enhance your work with updated content that reflects key advances in the project management field including planning implementation control cost and scheduling this revised text offers added material that covers relevant topics such as agility change management governance reporting and risk management this comprehensive resource provides a contemporary set of tools explaining each tool s purpose and intention development customization and variations and benefits and disadvantages additionally examples tips and milestone checks guide you through the application of these tools helping you practically apply the information you learn effective project management can support a company in increasing market share improving the quality of products and enhancing customer service with so

many aspects of project management changing as the business world continues to evolve it is critical that you stay up to date on the latest topics in this field explore emerging topics within the world of project management keeping up to date on the latest most relevant subject areas leverage templates exercises and powerpoint presentations to enhance your project management skills discuss tips reporting implementation documentation and other essentials of the project management field consider how project management fits into various industries including technology construction healthcare and product development project management toolbox tools and techniques for the practicing project manager second edition is an essential resource for experienced project managers and project management students alike

Breakthrough Technology Project Management

2001

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

Project Management for Engineering and Technology

2015

this unique volume is the first to go beyond the theory of team dynamics and project management to present real world applications the culmination of years of experience and research the book describes practical techniques for building successful high performance project teams using actual examples from high tech companies a concise guide for both new and experienced managers this valuable resource enables you to select the right projects for your organization reduce the time needed for team development and productive operation learn motivational and retention strategies for technical project personnel avoid project management pitfalls and inject quality into current and future projects the book examines the typical life cycle of team development and the general mechanics of team and project formation in today s project management setting it scrutinizes both successes and failures in nurturing and developing a team offering techniques and suggestions on building better teams in the future

Project Management ToolBox

2016-01-05

while the project management body of knowledge is embraced by disciplines ranging from manufacturing and business to social services and healthcare the application of efficient project management is of particularly high value in science technology and engineering undertakings step project management guide for science technology and engineering projects presents an integrated step by step approach to managing projects in these complex areas using the time tested concepts tools and techniques of the project management body of knowledge pmbok step is an acronym for science technology and engineering projects and also serves as a mnemonic reference to the step by step approach of the book this volume takes an approach that combines managerial organizational and quantitative techniques into a logical sequence of project implementation steps the book begins by exploring the special methodology imperative for managing these types of sophisticated projects it then delineates the major steps involved in project integration the author discusses the management of scope time cost quality human resources communications risk and procurement then using a compelling case study that profiles the errors leading to the 1986 challenger disaster the book examines how flaws in decision making failure to consider all

factors lack of communication and inappropriate priorities can lead to catastrophe in today's fast changing it based competitive global market success can be even more elusive and hard won effective project management in all facets of operations can give an enterprise the advantage it seeks in this book the author's direct writing style designed to appeal to busy professionals conveys the complex concepts of high stakes project management in a simple efficient manner he provides a general framework that shows what needs to be done to manage complex projects using steps that are flexible expandable and modifiable

Engineering Project Management for the Global High Technology Industry

2013-12-31

this book presents the latest research case studies best practices and methodologies within the field of it project management offering research from top experts around the world in a variety of it project management applications and job sectors provided by publisher

Team Development for High-tech Project Managers

2002

projects are the engines that drive innovation from idea to commercialization in fact the number of projects in most organizations today is expanding while operations is shrinking yet since many companies still focus on operational excellence and efficiency most projects fail largely because conventional project management concepts cannot adapt to a dynamic business environment moreover top managers neglect their company's project activity and line managers treat all their projects alike as part of operations based on an unprecedented study of more than 600 projects in a variety of businesses and organizations around the globe reinventing project management provides a new and highly adaptive model for planning and managing projects to achieve superior business results

STEP Project Management

2009-04-15

offers an introduction to project management this book emphasizes teams throughout and includes an introduction to project management project definition researching intellectual property scope idealizing and conceptualizing a design converting product requirements to engineering specifications project integration communications management and conducting design reviews

Project Management Techniques and Innovations in Information Technology

2012-04-30

despite the investment of time and money companies are struggling to ensure their projects succeed in his innovative book author doug russell shows readers how the people centric tactile management tm system maximizes an organization's current processes by cutting through the technical weeds to emphasize individual skills and the value of collaboration using the seven characteristics of high performance project teams transparency accountability communication trust integrity leadership and execution succeeding in the project management jungle teaches readers how to take project teams out of their functional silos and transform them into a powerful integrated force balance the expectations of customers management and project teams with the technical requirements of cost schedule and performance avoid or minimize possible pitfalls and much more with countless man hours clocked and billions of dollars spent every year on project tools companies can't afford the astonishingly slow success rate of most businesses endeavors this phase by phase project guide shows readers how to apply invaluable people soft skills in real life situations to ensure every phase of the project cycle is a success

Reinventing Project Management

2007-08-13

a new edition of the most popular book of project management case studies expanded to include more than 100 cases plus a super case on the iridium project case studies are an important part

of project management education and training this fourth edition of harold kerzner s project management case studies features a number of new cases covering value measurement in project management also included is the well received super case which covers all aspects of project management and may be used as a capstone for a course this new edition contains 100 plus case studies drawn from real companies to illustrate both successful and poor implementation of project management represents a wide range of industries including medical and pharmaceutical aerospace manufacturing automotive finance and banking and telecommunications covers cutting edge areas of construction and international project management plus a super case on the iridium project covering all aspects of project management follows and supports preparation for the project management professional pmp certification exam project management case studies fourth edition is a valuable resource for students as well as practicing engineers and managers and can be used on its own or with the new eleventh edition of harold kerzner s landmark reference project management a systems approach to planning scheduling and controlling pmp and project management professional are registered marks of the project management institute inc

Project Management for Engineering Design

2007

Succeeding in the Project Management Jungle

2011-03-08

Project Management

2013-01-22

Information Technology Project Management

2013

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