

Practical Cost Control Handbook For Project Managers

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Handbook of Construction Management - Abdul Razzak Rumane 2016-08-05

The book is developed to provide significant information and guidelines to construction and project management professionals (owners, designers, consultants, construction managers, project managers, supervisors, contractors, builders, developers, and many others from the construction-related industry) involved in construction projects (mainly civil construction projects, commercial-A/E projects) and construction-related industries. It covers the importance of construction management principles, procedures, concepts, methods, and tools, and their applications to various activities/components/subsystems of different phases of the life cycle of a construction project. These applications will improve the construction process in order to conveniently manage the project and make the project most qualitative, competitive, and economical. It also discuss the interaction and/or combination among some of the activities/elements of management functions, management processes, and their effective implementation and applications that are essential throughout the life cycle of project to conveniently manage the project. This handbook will: Focus on the construction management system to manage construction projects Include a number of figures and tables which will enhance reader comprehension Provide all related topics/areas of construction management Be of interest to all those involved in construction management and project

management Provide information about Building Information Modeling (BIM), and ISO Certification in Construction Industry Offer a chapter on Lean construction The construction project life cycle phases and its activities/elements/subsystems are comprehensively developed and take into consideration Henri Fayol's Management Function concept which was subsequently modified by Koontz and O'Donnel and Management Processes Knowledge Areas described in PMBOK® published by Project Management Institute (PMI). The information available in the book will also prove valuable for academics/instructors to provide construction management/project management students with in-depth knowledge and guidelines followed in the construction projects and familiarize them with construction management practices.

A Comprehensive Guide to Project Management Schedule and Cost Control - Randal Wilson 2014

This is the most complete guide to all the principles and techniques you need to successfully schedule projects and control their costs. Not a broad project management guide, it offers focused coverage of every essential aspect of scheduling and cost control -- including key issues ignored by typical PM guides. Expert project manager and long-time instructor Randal Wilson makes scheduling and cost control intuitive through the extensive use of graphs, charts, and case studies, and provides all the formulas and worked examples you need to

succeed. Writing for both newcomers and working project managers, Wilson covers all this, and more: Project structures, including differences between projects and programs, and how those differences affect costing and scheduling
Initiation: how projects start, how to develop project charters and stakeholder registers, and how to manage stakeholders
Planning, in depth: what costs must be addressed, and what schedule constraints must be considered
Project schedule analysis: activity definition, WBS, and work packages; activity sequencing and diagramming; proven methodologies for estimating resources and activity durations; and schedule development
Project cost analysis: gathering and estimating all project costs, including labor, materials, vendor bids, subcontractors, contracts, equipment, facilities, and direct/indirect costs.
Budgeting via top-down, bottom-up, and activity-based methods
Project monitoring and control: earned value, tracking Gantt, S-Curves, performance reviews, milestone analysis, change control systems, estimate at completion, forecasting, and much more.

The Practitioner Handbook of Project

Controls - Dennis Lock 2020-10-12

Although projects always carry risk, too many projects run late or exceed their original budgets by eye-watering amounts. This book is a comprehensive guide to the procedures needed to ensure that projects will be delivered on time, to specification and within budget. Eight expert contributors have combined their considerable talents to explain all aspects of project control from project conception to completion in an informative text, liberally supported where necessary by clear illustrations. This handbook will benefit all project practitioners, including project managers and those working in project management offices. It will also provide an invaluable guide for students studying for higher degrees in project management and its associated disciplines.

Systems Cost Engineering - Dale Shermon 2017-03-02

Parametric cost estimating models are flexible tools which bring engineering, scientific and mathematical rigour to cost and schedule estimating, but great tools alone will not keep programs affordable. Tools must be applied as

part of a credible process if estimates and analyses are to be accepted. Complex major projects involving engineering, hardware, software, service and IT, all suffer from two basic problems: the project sponsors often struggle to specify the project effectively, and project managers find themselves wrestling with unpredicted cost or schedule overruns. Everyone wants to be successful with the tools and solutions they use, so this book is a comprehensive collection of methods with proven success. The applications described by Dale Shermon and his co-authors have evolved over 30 years of cost engineering experience during which time they have been matured by the parametric community. Each chapter explores a different application of parametrics, based on real-life case examples, providing you with a detailed guide to the rationale and value of cost engineering in a different industry or program context. Systems Cost Engineering will help cost engineers, project and program directors, and the champions that support them, to understand and apply parametrics to ensure that their programs:

- * offer a credible analysis of alternative cost options
- * are never initiated with insufficient funding because of inaccurate estimates of cost or quantification of risks
- * are never diverted from their objective because of a lack of credible cost management
- * share and communicate knowledge of realistic and dynamic cost and productivity metrics amongst the program team
- * are never derailed by surprise cost overruns or schedule delays

The information in this book will give projects sponsors and bid managers confidence in the business case that they are developing and enable them to communicate a clear and transparent picture of the risks, opportunities and benefits to stakeholders and project owners.

Project Management, Planning and Control

- Albert Lester 2007

A comprehensive book on project management, covering all principles and methods with fully worked examples, this book includes both hard and soft skills for the engineering, manufacturing and construction industries. Ideal for engineering project managers considering obtaining a Project Management Professional (PMP) qualification, this book covers in theory and practice, the complete body of knowledge

for both the Project Management Institute (PMI) and the Association of Project Management (APM). Fully aligned with the latest 2005 updates to the exam syllabi, complete with online sample Q&A, and updated to include the latest revision of BS 6079 (British Standards Institute Guide to Project Management in the Construction Industry), this book is a complete and valuable reference for anyone serious about project management. The complete body of knowledge for project management professionals in the engineering, manufacturing and construction sectors Covers all hard and soft topics in both theory and practice for the newly revised PMP and APMP qualification exams, along with the latest revision of BS 6079 standard on project management in the construction industry Written by a qualified PMP exam accreditor and accompanied by online Q&A resources for self-testing

Fundamentals of Project Management -

James P. Lewis 2002

Updated concepts and tools to set up project plans, schedule work, monitor progress-and consistently achieve desired project results. In today's time-based and cost-conscious global business environment, tight project deadlines and stringent expectations are the norm. This classic book provides businesspeople with an excellent introduction to project management, supplying sound, basic information (along with updated tools and techniques) to understand and master the complexities and nuances of project management. Clear and down-to-earth, this step-by-step guide explains how to effectively spearhead every stage of a project-from developing the goals and objectives to managing the project team-and make project management work in any company. This updated second edition includes: * New material on the Project Management Body of Knowledge (PMBOK) * Do's and don'ts of implementing scheduling software* Coverage of the PMP certification offered by the Project Management Institute* Updated information on developing problem statements and mission statements* Techniques for implementing today's project management technologies in any organization-in any industry.

Construction Project Scheduling and

Control - Saleh A. Mubarak 2010-10-26

An easy-to-follow guide to the theory and

practice of project scheduling and control No matter how large or small the construction project, an efficient, well-thought-out schedule is crucial to achieving success. The schedule manages all aspects of a job, such as adjusting staff requirements at various stages, overseeing materials deliveries and equipment needs, organizing inspections, and estimating time needs for curing and settling—all of which requires a deep understanding on the part of the scheduler. Written by a career construction professional, *Construction Project Scheduling and Control, Second Edition* has been fully revised with up-to-date coverage detailing all the steps needed to devise a technologically advanced schedule geared toward streamlining the construction process. Solved and unsolved exercises reinforce learning, while an overview of industry standard computer software sets the tone for further study. Some of the features in this Second Edition include: Focus on precedence networks as a viable solution to scheduling, the main part of project control The concepts of Dynamic Minimal Lag, a new CPM technique developed by the author A new chapter on schedule risk management By combining basic fundamentals with advanced techniques alongside the robust analysis of theory to enhance real-world applications, *Construction Project Scheduling and Control* is an ideal companion for students and professionals looking to formulate a schedule for a time-crunched industry in need of better ways to oversee projects.

Practical Cost Control Handbook for Project Managers - 2nd Edition - Jeremie Averous

2020-05-30

Keep Control of your Large, Complex Projects. Proper Cost Control and Forecasting must support the Project Manager's decision making; unfortunately, that is still rarely the case. This handbook explains how to improve significantly the odds of maintaining projects under control and taking the right decisions at the right time.

Integrated Cost and Schedule Control in Project Management - Ursula Kuehn PMP, EVP

2010-10-01

The Practical, Precise, and Proven Approach to Integrated Cost and Schedule Control! This trusted project management resource, now in its second edition, includes expanded coverage of

how integrated cost and schedule control works within the federal government. With the renewed emphasis on transparency in government, the processes detailed in this book are particularly relevant. Building on the solid foundation of the first edition, this updated second edition includes new material on:

- Project planning in the federal government
- Integrated baseline reviews
- Federal requirements for an ANSI/EIA-748 compliant earned value management system
- Federal requirements for performance reports

Integrated Cost and Schedule Control in Project Management, Second Edition, continues to offer a practical approach that is accessible to project managers at all levels. The step-by-step presentation, numerous case studies, and instructive examples give practitioners relevant material they can put to use immediately.

Project Management for Construction - Chris Hendrickson 1989

The Handbook of Project Management - Trevor L. Young 1998

This book gives the reader a broad, yet in depth, understanding of the principles of project management, demonstrating the correct approach to a major project, discussing the key points which ensure success, and highlighting pitfalls.

The Handbook of Project Management - Trevor L. Young 2007

Written by an experienced practitioner, The Handbook of Project Management will be particularly useful for those starting a new project, wishing to acquire new skills, or training others in project management skills. It is written specifically to help project managers improve their performance using tried and tested techniques. Packed with concepts and processes, tools and presentation materials, this comprehensive handbook will assist anyone responsible for converting strategy into reality. The package comprises a book plus free CD-ROM containing a collection of tools, templates, and procedures which support the methodology used in the book.

Project Scope Management - Jamal Moustafaev 2014-12-03

Incomplete or missed requirements, omissions, ambiguous product features, lack of user

involvement, unrealistic customer expectations, and the proverbial scope creep can result in cost overruns, missed deadlines, poor product quality, and can very well ruin a project. Project Scope Management: A Practical Guide to Requirements for Engineering, Product, Construction, IT and Enterprise Projects describes how to elicit, document, and manage requirements to control project scope creep. It also explains how to manage project stakeholders to minimize the risk of an ever-growing list of user requirements. The book begins by discussing how to collect project requirements and define the project scope. Next, it considers the creation of work breakdown structures and examines the verification and control of the scope. Most of the book is dedicated to explaining how to collect requirements and how to define product and project scope inasmuch as they represent the bulk of the project scope management work undertaken on any project regardless of the industry or the nature of the work involved. The book maintains a focus on practical and sensible tools and techniques rather than academic theories. It examines five different projects and traces their development from a project scope management perspective—from project initiation to the end of the execution and control phases. The types of projects considered include CRM system implementation, mobile number portability, port upgrade, energy-efficient house design, and airport check-in kiosk software. After reading this book, you will learn how to create project charters, high-level scope, detailed requirements specifications, requirements management plans, traceability matrices, and a work breakdown structure for the projects covered.

Practical Project Control Manager Handbook - Jeremie Averous 2016-02-11

"In this book, you are taken through a pragmatic practitioner's journey of how to establish and run Project Control to give reliable management information enabling timely management intervention. The Project Control Manager Handbook is both informative and easy to read. It would sit comfortably in any Project Delivery professional's bookcase." - Jonathan Crone, Director of the Programme Management Office, High Speed 2 Ltd. Practical Project Control

Manager Handbook: From Back-Office Manager to Trusted Project Strategist Project Control Managers when they exist in Projects are still too often focused on data-crunching and reporting. They do not deliver the potential immense value they could provide in terms of analysis, forecasting and strategic support. The ambition of this must-have handbook is to change this situation. It may well be the first ever Project Control Manager Handbook published. It originated in the trenches of actual Project execution: it is not a heavy and detailed bible, but rather a practical reference for Project practitioners to understand the principles and traps of of Project Control Management over the entire lifecycle of Large or Complex Projects. In addition, the handbook details best practice roadmaps for Project start-up, monitoring and close-out. This handbook complements our trilogy of Advanced Handbooks on Project Control functions (Cost Control, Schedule and Project Risk).

Residential Construction Management - Joseph A. Griffin 2010-03-15

Residential Construction Management will provide construction managers a concise and practical guide to managing residential construction projects. One of the fundamental reasons residential contractors fail to prosper is that they are poor managers. By presenting project management tools in their appropriate context of the project lifecycle—initiation, planning, execution, monitoring and controlling, and closing, readers will more clearly understand the iterative nature of construction management, which is a key to successfully managing a construction project. You can't afford to be without this indispensable working tool and its step-by-step instructions, project management templates, and real-world case studies. Residential Construction Management provides construction managers a concise and practical guide to managing residential construction projects. One of the fundamental reasons residential contractors fail to prosper is that they are poor managers. By presenting project management tools in their appropriate context of the project lifecycle — initiation, planning, execution, monitoring and controlling, and closing — you will more clearly understand the true nature of construction management,

which is a key to successfully managing a construction project. You can't afford to be without this indispensable working tool and its step-by-step instructions, project management templates, and real world case studies. Key Features | Walks you through the entire project management lifecycle resulting in a better understanding of the iterative processes of construction management | Offers the information and real world tools needed to successfully apply to a planned or current project | Shows how various knowledge areas and project management tools interact when doing a project providing you with the knowledge to create your own project plan | Offers a downloadable building specification form, change order authorization form, construction schedule, sample budget, construction flowchart, a guide to working with bankers for spec home loans, and much more — available from the Web Added Value™ Download Resource Center at www.jrosspub.com

A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Seventh Edition and The Standard for Project Management (BRAZILIAN PORTUGUESE) - Project Management Institute Project Management Institute 2021-08-01

PMBOK® Guide is the go-to resource for project management practitioners. The project management profession has significantly evolved due to emerging technology, new approaches and rapid market changes. Reflecting this evolution, The Standard for Project Management enumerates 12 principles of project management and the PMBOK® Guide &- Seventh Edition is structured around eight project performance domains. This edition is designed to address practitioners' current and future needs and to help them be more proactive, innovative and nimble in enabling desired project outcomes. This edition of the PMBOK® Guide: • Reflects the full range of development approaches (predictive, adaptive, hybrid, etc.); • Provides an entire section devoted to tailoring the development approach and processes; • Includes an expanded list of models, methods, and artifacts; • Focuses on not just delivering project outputs but also enabling outcomes; and • Integrates with PMI standards+™ for information and standards

application content based on project type, development approach, and industry sector.

Cost and Value Management in Projects - Ray R. Venkataraman 2011-08-26

Cost and Value Management in Projects provides practicing managers with a thorough understanding of the various dimensions of cost and value in projects, along with the factors that impact them, and the managerial approaches that would be most effective for achieving cost efficiency and value optimization. This book addresses cost from a strategic perspective, offering thorough coverage of the various elements of value management such as value planning, value engineering and value analysis from the perspective of projects.

Practical Project Management - Harvey A. Levine 2002-10-15

The author has 39 years of experience implementing project management techniques. Includes unique material based on the author's experiences that cannot be found elsewhere. Readers can refer to self-contained chapters for quick reference and problem-solving or read the entire book.

The Handbook of Project-based Management - J. Rodney Turner 2008-10-15

Discover How to Dramatically Improve the Processes of Project-Based Management in Any Organization! One of the most influential books ever written on the development of project management, The Handbook of Project-Based Management has been completely revised for a new generation of students and practitioners. The Third Edition now features a major change in focus from delivering corporate objectives to achieving strategic change, including embedding corporate change after a project is completed. Filled with over 150 illustrations, The Third Edition of The Handbook of Project-Based Management contains: A rigorous guide to project management practice for the twenty-first century Complete tools for managing project performance and process New to this edition: new focus on achieving strategic change; new information on the project life cycle; new applications to different industries; new material on strategic design, stakeholders, and organizational capability; shift in emphasis from administrative procedures to governance Inside this Cutting-Edge Guide to Twenty-First Century

Project Management • The Context of Projects: • Projects for Delivering Beneficial Change • Project Success and Strategy • The People Involved • Managing Performance: • Scope • Project Organization • Quality • Cost • Time • Risk • Managing the Process: • Project Process • Project Start-Up • Project Execution and Control • Project Close-Out • Governance of Project-Based Management: • Project Governance • Program and Portfolio Management • Developing Organizational Capability • Governance of the Project-Based Organization • International Projects

A Practical Guide to Dealing with Difficult Stakeholders - Mr David Bryde 2015-08-28

All project stakeholders have different needs, objectives, responsibilities and priorities. For many project managers it is disturbing to realise that, for any number of personal or professional reasons, some of their stakeholders may not be as co-operative and helpful as they expect. It could be a negative and powerful sponsor (the 'Anti-sponsor'), a demotivated team, low-maturity or unrealistic external clients, maliciously compliant gatekeepers and finance teams, or uninterested internal customers. The reality of project management is that stakeholders can be difficult! Jake Holloway, Professor David Bryde and Roger Joby bring their years of project management experience and combine it with research and insight from social psychology to delve into how and why project stakeholders can be difficult. The book describes some of the common stakeholder types - such as Sponsors, the Team, Gatekeepers, Clients and Contractors - and associated unhelpful or difficult behaviour profiles that you will often come across on projects. It then provides practical ideas, techniques and methods that will help the project manager to effectively manage the impact of these stakeholders on the project. As projects get larger and more complicated, the role and influence of stakeholders grows too. A Practical Guide to Dealing with Difficult Stakeholders will provide your project teams with the basis for a more sophisticated and resilient approach to stakeholder management.

Construction Project Management - S. Keoki Sears 2008-04-25

This volume provides a guide to managing all

aspects of a construction project. This is a new edition of this guide to the subject which includes a new chapter devoted solely to the planning process and another on legal aspects of scheduling.

Effective Project Management - Garth G.F. Ward 2018-06-06

A practical and accessible guide to managing a successful project Effective Project Management is based around an activities and action check list approach to project management. It provides a guide to the basic principles and the disciplines that managers need to master in order to be successful. The author's check lists approach (based on his years of practical experience on projects) ensure that project managers are following valid processes, helping them to be innovative in their approach to developing plans and resolving problems. In addition, the author's check list pick and mix format is designed to be flexible in order to meet the individual needs of the reader. Effective Project Management also contains some information on the theories underpinning project management. Knowledge of the theory helps in the understanding of how project management works in practice. In addition to the book's check lists of what activities need to be performed, the author offers suggestions on how tasks could be carried out. This important resource: Covers a wide range of project management topics including the project management process, programme and portfolio management, initiating and contracting a project, personal skills and more Offers a highly accessible guide to the author's verified check list approach Presents flexible guidelines applicable for a wide range projects Includes guidance for project managers at all levels of experience Written for project managers working on engineering or construction projects, Effective Project Management reviews all aspects of a project from initiation and execution to project completion together with the specialist topics and personal skills needed to manage projects effectively.

Project Management - Harold Kerzner 2009-04-03

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.)

Mastering Project Time Management, Cost Control, and Quality Management - Randal Wilson 2015-04-23

Mastering Project Time Management, Cost Control, and Quality Management gives managers powerful insights and tools for addressing the "Triple Constraints" that define virtually every project: time, cost, and quality. This book is part of a new series of seven cutting-edge project management guides for both working practitioners and students. Like all books in this series, it offers deep practical insight into the successful design, management, and control of complex modern projects. Using real case studies and proven applications, expert authors show how multiple functions and disciplines can and must be integrated to achieve a successful outcome. Individually, these books focus on realistic, actionable solutions, not theory. Together, they provide comprehensive guidance for working project managers at all levels, including highly-complex enterprise environments. These books also provide indispensable knowledge for anyone pursuing PMI/PMBOK or PRINCE2 certification, or other

accreditation in the field.

Project Management - K. Nagarajan 2004
The Book Is Primarily Intended To Serve As A Textbook For Undergraduate As Well As Postgraduate Students Of Management Studies. The Book Covers The Syllabus Prescribed By Most Universities/Institutes In India On The Subject Project Management . The Book Will Also Be Of Use To Commerce Students And For Students Of Professional Courses Like Aicwa, Aca And Cfa.All Aspects Of Projects, Viz., Project Identification, Project Appraisal, Project Planning And Scheduling, Project Implementation, Project Evaluation And Post Audit Of Projects Have Been Covered. The Book Also Touches Upon Finer And Practical Aspects Of Project Analysis And Implementation Which Will Be Of Great Use To Entrepreneurs.The Subject Matter Has Been Presented In A Simple And Lucid Form. Project Scheduling Techniques Have Been Explained In Detail With The Aid Of Graded Examples To Bring Home The Concepts Clearly. Though The Book Is Mainly Addressed To Students, It Will Be Equally Useful To Project Appraisers, Project Managers And Entrepreneurs As Well.

CPM Scheduling for Construction - Christopher Carson 2014-10-01

This volume compiles the work coordinated by the Scheduling Excellence Initiative Committee (SEI) to improve standardization and provide best practice guidelines for scheduling processes in the construction industry. It serves as a guide for all schedulers and planners from entry level to senior schedulers, as well as non-schedulers in management roles.

Cost Accounting and Financial Management for Construction Project Managers - Len Holm 2018-08-15

Proper cost accounting and financial management are essential elements of any successful construction job, and therefore make up essential skills for construction project managers and project engineers. Many textbooks on the market focus on the theoretical principles of accounting and finance required for head office staff like the chief financial officer (CFO) of a construction firm. This book's unique practical approach focuses on the activities of the construction management team, including the project manager, superintendent, project

engineer, and jobsite cost engineers and cost accountants. In short, this book provides a seamless connection between cost accounting and construction project management from the construction management practitioner's perspective. Following a complete accounting cycle, from the original estimate through cost controls to financial close-out, the book makes use of one commercial construction project case study throughout. It covers key topics like financial statements, ratios, cost control, earned value, equipment depreciation, cash flow, and pay requests. But unlike other texts, this book also covers additional financial responsibilities such as cost estimates, change orders, and project close-out. Also included are more advanced accounting and financial topics such as supply chain management, activity-based accounting, lean construction techniques, taxes, and the developer's pro forma. Each chapter contains review questions and applied exercises and the book is supplemented with an eResource with instructor manual, estimates and schedules, further cases and figures from the book. This textbook is ideal for use in all cost accounting and financial management classes on both undergraduate and graduate level construction management or construction engineering programs.

Project Management in Practice - Samuel J. Mantel 2011

Project Management in Practice, 4th Edition focuses on the technical aspects of project management that are directly related to practice.

Construction Project Management - Peter Fewings 2013-05-07

The role of the project manager continues to evolve, presenting new challenges to established practitioners and those entering the field for the first time. This second edition of Peter Fewings' groundbreaking textbook has been thoroughly revised to recognise the increasing importance of sustainability and lean construction in the construction industry. It also tackles the significance of design management, changing health and safety regulation, leadership and quality for continuous improvement of the service and the product. Using an integrated project management approach, emphasis is placed on the importance of effectively handling

external factors in order to best achieve an on-schedule, on-budget result, as well as good negotiation with clients and skilled team leadership. Its holistic approach provides readers with a thorough guide in how to increase efficiency and communication at all stages while reducing costs, time and risk. Short case studies are used throughout the book to illustrate different tools and techniques.

Combining the theories underpinning best practice in construction project management, with a wealth of practical examples, this book is uniquely valuable for practitioners and clients as well as undergraduate and graduate students for construction project management.

Strategic Project Management Transformation - Marc Resch 2011-06-15

In today's challenging commercial environment, many business projects are now categorized as strategic investment with the primary concern being value impact on an organization's bottom line. This title equips project managers with the skills necessary to effectively manage projects as strategic investments.

The AMA Handbook of Project Management - Paul C. Dinsmore 2006

The authoritative guide to project management...completely revised to meet the accelerating pace of today's project environment.

Project Estimating and Cost Management - Parviz F. Rad 2001-10

Improve the accuracy of project estimates and make better in-progress modifications by following the discipline-independent approach mapped out in this book. Learn the best ways to apply new tools, including a breakdown structure for both work and resources and proven estimating models. In addition, you'll gain insights into best practices for progress monitoring and cost management, as well as for dealing effectively with external projects.

NRM1 Cost Management Handbook - David P Bengé 2014-06-13

The definitive guide to measurement and estimating using NRM1, written by the author of NRM1 The 'RICS New rules of measurement: Order of cost estimating and cost planning of capital building works' (referred to as NRM1) is the cornerstone of good cost management of capital building works projects - enabling more

effective and accurate cost advice to be given to clients and other project team members, while facilitating better cost control. The NRM1 Cost Management Handbook is the essential guide to how to successfully interpret and apply these rules, including explanations of how to: quantify building works and prepare order of cost estimates and cost plans use the rules as a toolkit for risk management and procurement analyse actual costs for the purpose of collecting benchmark data and preparing cost analyses capture historical cost data for future order of cost estimates and elemental cost plans employ the rules to aid communication manage the complete 'cost management cycle' use the elemental breakdown and cost structures, together with the coding system developed for NRM1, to effectively integrate cost management with Building Information Modelling (BIM). In the NRM1 Cost Management Handbook, David Bengé explains in clear terms how NRM1 is meant to be used in familiar quantity surveying tasks, as well as a range of activities of crucial importance for professionals in years to come. Worked examples, flow charts, diagrams, templates and check lists ensure readers of all levels will become confident and competent in the use of NRM1. This book is essential reading for anyone working with NRM1, and is the most authoritative guide to practice available for those preparing to join the industry.

Project Planning and Scheduling - Gregory T. Haugan PhD, PMP 2001-12-01

This is the only book that makes all planning methods and tools available to project managers at all levels easy to understand ... and use. Instead of applying techniques piecemeal, you'll take a cohesive, step-by-step approach to improve strategic and operational planning and scheduling throughout the organization. You'll master advanced scheduling techniques and tools such as strategic planning models and critical chain and enterprise project management. Includes time-and-error-saving checklists.

Practical Cost Control Handbook for Project Managers - Jeremie Averous 2014-06-24

Keep Control of your Large, Complex Projects! Already more than 1,000 copies sold to leading global project-driven companies! This must-have practical handbook for Large, Complex Projects

originated in the trenches of actual project execution. It is not a heavy and detailed bible, but rather a practical reference for project practitioners to understand the principles and traps of Cost Control and Forecasting and be able to raise the right challenges to their teams. Proper Cost Control and Forecasting must support the Project Manager's decision making; unfortunately, that is still rarely the case. This handbook explains how to better implement these key processes, thereby improving significantly the odds of maintaining projects under control and taking the right decisions at the right time.

Construction Extension to the PMBOK® Guide - Project Management Institute
2016-09-01

A Guide to the Project Management Body of Knowledge (PMBOK® Guide) provides generalized project management guidance applicable to most projects most of the time. In order to apply this generalized guidance to construction projects, the Project Management Institute has developed the Construction Extension to the PMBOK® Guide. This Construction Extension provides construction-specific guidance for the project management practitioner for each of the PMBOK® Guide Knowledge Areas, as well as guidance in these additional areas not found in the PMBOK® Guide:

- All project resources, rather than just human resources
- Project health, safety, security, and environmental management
- Project financial management, in addition to cost
- Management of claims in construction

This edition of the Construction Extension also follows a new structure, discussing the principles in each of the Knowledge Areas rather than discussing the individual processes. This approach broadens the applicability of the Construction Extension by increasing the focus on the “what” and “why” of construction project management. This Construction Extension also includes discussion of emerging trends and developments in the construction industry that affect the application of project management to construction projects.

Management of Construction Projects - John E. Schaufelberger 2017-03-27

Unlike the majority of construction project management textbooks out there, Management

of Construction Projects takes a distinctive approach by setting itself in the context of a single and real-world construction project throughout and also by looking at construction project management from the constructor's perspective. This project-based learning approach emphasizes the skills, knowledge, and techniques students require to become successful project managers. This second edition uses a brand new, larger, and more challenging case study to take students through key stages of the process, including: contracts and subcontracting; estimating, scheduling, and planning; supply chain and materials management; cost control, quality, and safety; project leadership and ethics; and claims, disputes, and project close-outs. Also new to this edition is coverage of emergent industry trends such as LEAN, LEED, and BIM. The book contains essential features such as review questions, exercises, and chapter summaries, while example plans, schedules, contracts, and other documents are stored on a companion website. Written in straightforward language from a constructor's perspective, this textbook gives a realistic overview and review of the roles of project managers and everything they need to know in order to see a successful project through from start to finish.

Construction Project Management Handbook - 2009

Estimating and Project Management for Building Contractors - Michael Kitchens
1996-01-01

"A useful overview for both beginners and seasoned professionals, this book provides insight and practical guidelines on the day-to-day processes of construction estimating and project management. Kitchens reviews the varied tasks of the estimator, project manager, and project superintendent, from the decision to bid to completing paperwork and managing project risks. He draws from his years of professional experience, as well as case histories, to examine estimate preparation, procedures to follow on bid day, job site safety, quality assurance, financial considerations, cost control, and much more. Ethics in construction, errors in estimating and project management, and information regarding training key

personnel are also addressed."--BOOK
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Reserved

Project Control - Wayne J. Del Pico 2013-08-21

The key to successful project control is the
fusing of cost to schedule whereby the
management of one helps to manage the other.

Project Control: Integrating Cost and Schedule
in Construction explores the reasons behind and
the methodologies for proper planning,
monitoring, and controlling both project costs
and schedule. Filling a current void the topic of
project control applied to the construction
industry, it is essential reading for students and
professionals alike.