

The Construction Mba Practical Approaches To Construction Contracting By Stevens Matt Mcgraw Hill Professional 2012 Paperback Paperback

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Estimating in Building Construction - Frank R. Dagostino 2008

Everything needed for a course in Estimating is provided in this proven text, which combines coverage of principles with step-by-step procedures. Ideal for construction, architecture, and engineering students, it reflects the popular approach of tracing a complete project's progress. The use of computers as a key estimating tool is incorporated throughout.

Human Resource Management in Construction Projects - Martin Loosemore 2003-12-08

Although construction is one of the most labour-intensive industries, people management issues are given inadequate attention. Furthermore, the focus of attention with regards to HR has been on the strategic aspects of HRM function - yet most problems and operational issues arise on projects. To help redress these problems, this book takes a broad view of HRM, examining the strategic and operational aspects of managing

people within the construction sector. The book is aimed at project managers and students of project management who, until now, have been handed the responsibility for human resource management without adequate knowledge or training. The issues addressed in this book are internationally relevant, and are of fundamental concern to both students and practitioners involved in the management of construction projects. The text draws on the authors' experience of working with a range of large construction companies in improving their HRM operational activities at both strategic and operational levels, and is well illustrated with case studies of projects and organizations. *Construction Contracting* - Richard H. Clough 2015-04-06

The definitive contracting reference for the construction industry, updated and expanded *Construction Contracting*, the industry's leading professional reference for five decades, has been updated to reflect current practices, business

methods, management techniques, codes, and regulations. A cornerstone of the construction library, this text presents the hard-to-find information essential to successfully managing a construction company, applicable to building, heavy civil, high-tech, and industrial construction endeavors alike. A wealth of coverage on the basics of owning a construction business provides readers with a useful "checkup" on the state of their company, and in-depth exploration of the logistics, scheduling, administration, and legal aspects relevant to construction provide valuable guidance on important facets of the business operations. This updated edition contains new coverage of modern delivery methods, technology, and project management. The field of construction contracting comprises the entire set of skills, knowledge, and conceptual tools needed to successfully own or manage a construction company, as well as to undertake any actual project. This book gives readers complete, up-to-

date information in all of these areas, with expert guidance toward best practices. Learn techniques for accurate cost estimating and effective bidding Understand construction contracts, surety bonds, and insurance Explore project time and cost management, with safety considerations Examine relevant labor law and labor relations techniques Between codes, standards, laws, and regulations, the construction industry presents many different areas with which the manager needs to be up to date, on top of actually doing the day-to-day running of the business. This book provides it all under one cover – for the project side and the business side, Construction Contracting is a complete working resource in the field or office.

Managing Complex Construction Projects -
John K. Briesemeister 2018-03-14

To many program, project, or construction managers, a complex project seems to be a labyrinth with many hidden dangers. This book is a guide through that labyrinth. It explains best

practices and provides insight so they cannot only identify hidden dangers but also effectively manage the construction process to either mitigate or eliminate these risks. The book presents a systems-based approach to construction project management that can facilitate a greater understanding of the complexity inherent in large construction projects and how that complexity can be effectively managed. The systems approach permits the onsite construction project manager to take a complex construction project, break it down into manageable pieces, and ensure that all systems are in alignment with the original goal of the project. This approach combines industrial engineering, project management, and finance into a unified approach for effective management of complex construction projects, ranging from a power plant to a highway project. The book explains how to manage construction projects successfully through an approach based on the three following systems: Project

Management System Work Management System Quality Management System The problem with complex programs and projects is that many managers are only equipped with a knowledge of project management. A system for construction is a collection of many processes effectively working together to produce a specific deliverable, which is usually defined in the program or project's contract. This system has a series of specific inputs and outputs, which are what the customer expects from the company or companies performing the work. This book develops checklists based on these inputs and outputs, which managers can use when first arriving onsite, and provides a "nuts and bolts" approach for managing a complex construction project onsite. The author shares valuable lessons learned during a career of more than thirty years of working on various construction sites around the world. These lessons learned are filled with valuable information to aid readers become more effective as a program,

project, or construction manager of complex construction projects.

Financial Management in Construction Contracting - Andrew Ross 2012-11-30

This authoritative text provides a detailed insight into how construction companies manage their finances at both corporate and project level. It will guide students and practitioners through the complexities of the financial reporting of construction projects within the constraints of accepted accounting practice. The book is written for non-accountants and from a contractor's perspective and is equally relevant to subcontractors and main contractors. The authors examine the relationship between the external annual accounts and the internal cost-value reconciliation process. CVR is covered in depth and the authors consider issues such as interim payments, subcontract accounts, contractual claims, final accounts, cash flow management and the reporting of the physical and financial progress of contracts. A broad

perspective of all the financial aspects of contracting is taken along with related legal issues and the authors explain how things operate in the 'real world'. They describe good practice in financial control while at the same time being honest about some of the more questionable practices that can - and do - happen. The approach taken is unique as the financial management of construction projects is considered from the perspective of the contractor's quantity surveyor. The book deals with the real issues that surveyors have to address when using their judgment to report turnover, profitability, cash flow, and work in progress on projects and the financial problems faced by subcontractors are frankly and pragmatically explored. The payment and notice requirements of the Construction Act are explained in detail and relevant provisions of JCT2011, NEC3, ICC, DOM/1 and other standard contracts and subcontracts are also covered. Financial Management in Construction

Contracting addresses the wide variety of external factors that influence how construction companies operate, including government policy, banking covenants and the financial aspects of supply chain management. Cost reporting systems are described and real-life examples are used to illustrate cost reports, accrual systems and how computerised systems can be employed to provide the QS within information that can be audited. Examples drawn from practice demonstrate how work-in-progress (WIP) is reported in contracting. Cost value reconciliation reports are featured and the book demonstrates how adjustments are made for overmeasure, undermeasure, subcontract liabilities and WIP as well as explaining the processes that contractors use when analysing external valuations. This is the ideal core text for final year degree and post-graduate level modules on Quantity Surveying, Commercial Management, Construction Management and Project Management

courses and will provide an invaluable source of reference for quantity surveyors and others who may be engaged in the financial management of construction projects. The book's companion website at <http://www.wiley.com/go/xxxx> www.wiley.com/go/rossfinancialmanagement/a offers invaluable resources for students and lecturers as well as for practising construction managers: end-of-chapter exercises + outline answers PowerPoint slides for each chapter ideas for discussion topics links to useful websites

International Construction Management - Igor Martek 2022-02-08

This book tells you everything you need to know about international construction: the companies, their markets, the types of projects they build, how they compete and operate and how it affects us all. It paints a comprehensive portrait of an overlooked global business that generates a major portion of the GDP in every developed

nation. As with any mature sector, countries make efforts to export their expertise, but the competition in construction is fierce, and the risks are many. Only the leanest and meanest survive. What, then, does it take to win? Most writing on construction focuses at the project-management level or even more narrowly at the level of technical performance. This book presents the big picture; it tells you what successful international construction companies do to stay in the game and thrive. The book examines international construction through three lenses. The first is theory. The body of existing knowledge on construction is here brought together, condensed and explained. The second are the actors. The companies that lead the way in global construction are showcased, and the features that make countries desirable hosts are appraised. Finally, what is it that firms actually do? This last part delves into the various strategic approaches taken by 60 construction firms in carving out and defending an overseas

market niche. The insights provide guidance on how global construction companies develop competitive advantage and stay resilient in the face of a mercurial global economy. These lessons will be of interest to the student and manager alike.

Construction Management in Practice - Richard F. Fellows 2009-05-06

While most construction management books are project based, this book looks at management principles and techniques applied to the day-to-day problems facing a business in the construction industry. It covers: Business strategy Industrial relations Health and safety Managing people Financial management Quantitative methods The text includes end of chapter review questions and a range of illustrative examples. Since the book was first written in 1982 much has changed. The Second Edition has been thoroughly revised and takes account of the increased globalisation of construction, the move from public to private

sector work, the drive for productivity, changing procurement methods, new emphasis on life cycle costing and much more. It will provide a valuable text for undergraduate and postgraduate courses in construction management, surveying and civil engineering as well as offering useful insights for practitioners undertaking CPD activities.

Construction Supervision - Jerald L. Rounds
2010-03-11

This book covers all supervisory situations one is likely to encounter on a commercial, industrial, or institutional construction project. The book is based upon a very successful Electrical Project Supervision (EPS) training program developed by Rounds and Segner for the National Electrical Contractor's Association and licensed to several organizations representing other construction sectors. This program has been delivered for over a decade and continues to be delivered to thousands of construction supervisors each year. The program content has consistently received

outstanding reviews and evaluations in numerous different venues.

Construction Equipment Management for Engineers, Estimators, and Owners - Douglas D. Gransberg 2006-06-13

Based on the authors' combined experience of seventy years working on projects around the globe, Construction Equipment Management for Engineers, Estimators, and Owners contains hands-on, how-to information that you can put to immediate use. Taking an approach that combines analytical and practical results, this is a valuable reference for a wide r

Construction Accounting & Financial Management - Stephen Peterson 2013-10-03

For all courses in construction accounting and construction finance, and for courses in engineering economics taught in construction management programs. This book helps construction professionals and construction management students master the principles of financial management, and adapt and apply

them to the challenge of profitably managing construction companies. It integrates content that has traditionally been taught through separate accounting, finance, and engineering economics texts. Students learn how to account for a construction company's financial resources; how to manage its costs, profits, and cash flows; how to evaluate different sources of funding a company's cash needs; and how to quantitatively analyze financial decisions. Readers gain hands-on experience through 220 example problems and over 390 practice problems, many of them based on situations actually encountered by the author. This edition adds more than 100 new discussion questions, and presents financial equations and accounting transactions more visually to support more intuitive learning.

The Construction MBA: Practical Approaches to Construction Contracting -

Matt Stevens 2012-07-02

Proven business strategies for operating a

profitable and efficient construction firm Written by a successful management researcher, advisor, and educator to construction contractors, The Construction MBA reveals effective operating practices for managing the multiple processes that must work simultaneously to make a construction firm consistently profitable. The methods in the book apply to both general and specialty contracting firms and describe how to grow both the top line and bottom line. This strategic resource explains how to integrate metrics into your business model that allow you to identify and react to critical trends. You'll learn ways to gain the competitive edge by adopting superior processes, speeding up your business cycle, and maximizing client satisfaction. Tips for positioning your firm on the "sweet spot" of the risk-reward curve are also included. Realworld case studies demonstrate the concepts presented in this practical guide. In addition, eight legendary management books are

reviewed and their lessons are applied to the construction contracting business. The Construction MBA covers: The new business model Corporate objectives and strategies Work acquisition Operations management Human resources Financial management Technology Good operating practices

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.
Project Management for Construction - Chris Hendrickson 1989

Managing Performance in Construction - Leonhard E. Bernold 2010-06-24
Construction is the country's single largest

manufacturing industry. However, it is a sector that lacks benchmarks against which to gauge performance. This modern thinking intends to provide insight to construction productivity improvement. Taking cues from manufacturing sectors such as computer, automobile and chemical companies, this book will apply the lessons learned to building construction. Supported with a range of pedagogical devices, the book will be of equal value to construction managers and civil engineers, and students with different learning methods.

Environmental Management in Construction - Heng Li 2007-01-24

Demands on the construction industry are changing, and it is now virtually essential for environmental management to be considered at all stages of a project. Many construction managers are finding a quantitative approach useful, and this book outlines four quantitative methods which can be applied at different construction stages, and which fit within a

comprehensive framework of dynamic Environmental Impact Assessment (EIA). These include: a method to quantitatively evaluate and reduce pollution and hazards levels a method to evaluate the environmental-consciousness of proposed construction plans a method to reduce on-site construction wastes through an incentive reward programme a method to promote C and D waste exchange in the local construction industry. With an experimental case study of the application of these methods, this book delivers a comprehensive review of environmental management issues in construction. With regulatory requirements potentially favouring the quantitative approach, this timely guide ensures that contractors will be able to keep pace with environmental management standards.

Construction Business Management - John E. Schaufelberger 2011-11-21

This is the eBook of the printed book and may not include any media, website access codes, or

print supplements that may come packaged with the bound book. Construction is a risky business! And unfortunately the reality is that construction company managers often lack the necessary "business management" skills needed to ensure the survival of their firms. This groundbreaking new book is the first of its kind that consolidates critical business management topics, and presents them practically and accessibly by showing how they relate to the management of a construction company.

Lean Project Delivery and Integrated Practices in Modern Construction - Lincoln H. Forbes
2020-03-18

Lean Project Delivery and Integrated Practices in Modern Construction is the new and enhanced edition of the pioneering book Modern Construction by Lincoln H. Forbes and Syed M. Ahmed. This book provides a multi-faceted approach for applying lean methodologies to improve design and construction processes. Recognizing the wide diversity in the landscape

of projects, and encompassing private and public sector activity, buildings and infrastructure, the book expands upon the detailed coverage of integrated project delivery and new lean tools and techniques to include: Greater emphasis on the importance of creating a lean culture and the initiatives required to transform the industry; Expanded discussions of the foundational writings in lean construction theory; Exploration of the synergies between "lean" and "green" initiatives; Specific procedures for modifying planning and scheduling activities to improve the performance of the project team; Expanded sections on quality, and topics that have become a part of the lean lexicon, such as Choosing by Advantages, "line of balance"/location-based scheduling, virtual design teams, takt time planning and set-based design; Discussion questions for beginners and advanced lean practitioners; and Improved cross-referencing within the text to help the reader navigate the

frameworks, techniques and tools to support the application of lean principles. The techniques described here enhance the use of resources, reducing waste, minimizing delays, increasing quality and reducing overall costs. They enable practitioners to improve the quality of the built environment, secure higher levels of customer/owner satisfaction, and simultaneously improve their profitability. This book is essential reading for all those wanting to be at the forefront of construction management and lean thinking.

Building Quality Management Systems - Luis Rocha-Lona 2013-06-25

Quality has quickly become one of the most important decision-making factors for consumers. And although organizations invest considerable resources into building the right quality management systems (QMSs), in many instances, the adoption of such quality improvement tools are just not enough. Building Quality Management Systems: Selecting the

Right Methods and Tools explains exactly what directors, practitioners, consultants, and researchers must do to make better choices in the design, implementation, and improvement of their QMSs. Based on the authors' decades of industrial experience working on business improvement projects for multinationals looking to design or improve their QMSs, the book discusses building QMSs based on two important organizational elements: needs and resources. It begins with an overview of QMSs and systems thinking and the impact of QMSs on financial performance. Illustrating the process management approach, it reviews the most well-known business and quality improvement models, methods, and tools that support a major QMS. The authors introduce their own time-tested methodology for designing, implementing, and enhancing your own QMS. Using their proven method, you will learn how to: Implement a strategic quality plan based on your specific needs, capabilities, cost-benefits,

policies, and business strategies Select the right models, methods, and tools to be adopted as part of your QMS Understand the critical success factors and implementation challenges Evaluate the level of maturity of your QMS and your implementation efforts Highlighting the importance of quality as a way of life, this book supplies the understanding you'll need to make the right choices in the development and deployment of your QMS. With a clear focus on business performance and process management, it provides the basis for creating the quality management culture required to become a world-class organization.

Contractor's Guide to Green Building

Construction - Thomas E. Glavinich 2008-04-07

Written for contractors and endorsed by the Associated General Contractors of America Written specifically for contractors, this "how-to" book enables you to meet the challenges of green building construction. You'll discover how constructing environmentally friendly,

sustainable buildings influences project management, delivery, documentation, and risk. Moreover, the book guides you through these important considerations at all phases of a green construction project, including: Bidding and contracting Managing green design when the contractor works as a design builder Subcontracting Procurement Construction management Project commissioning and closeout This book is endorsed by the Associated General Contractors of America (AGC) and was written with the assistance and advice of a specially assembled AGC task force. With a focus on the green building process from the contractor's viewpoint, the book avoids endorsing any one green building rating system in favor of presenting the business fundamentals common to them all. Throughout the presentation, flowcharts and other features offer working tools for successfully managing green construction projects. Plus, real-world case studies developed through discussions with the

actual contractors involved help you understand exactly what to expect and how to best manage constructing a green building. In short, this is one book that you need to have on hand to be a part of the rapidly growing green building movement.

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.

Project Management - Harold Kerzner

2013-01-22

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.)
Becoming a Construction Manager - John J. McKeon 2012-03-06

The must-have guide for anyone considering a career in construction management *Becoming a Construction Manager* explains everything a person needs to know to become a Construction Manager—from formal education to getting their first job. This practical guide is packed with useful information for anyone considering or beginning a career in construction management, as well as professional construction managers seeking to work in a specific area. From schedule and cost management to sustainability and technology implementation, all of the important career choices are explained by successful construction managers at top international firms. The only guide available on careers in this fast-growing field Offers practical guidance in a concise, easy-to-use format, illustrated throughout In-depth profiles with construction managers of varying specialties give students and new architects an inside view of the real-world, day-to-day experiences of a working builder Includes interviewing tips and

up to date information on where the jobs are in the field, along with an extensive resource section on professional organizations and educational opportunities Introduction by Bruce D'Agostino, President and CEO of the Construction Management Association of America Providing an overview of the profession, educational requirements, specialties, and the job search, this is a one-stop resource that supplies the inside track on this rapidly growing profession.

Construction Stakeholder Management - Ezekiel Chinyio 2009-10-22

This book captures best practice in construction stakeholder management using a range of international case studies. It demonstrates stakeholder mapping, presents the power/interest matrix and analyses a model for the timely engagement of stakeholders. The increased use of partnering and other relational forms of contracting have underlined the need for project participants to work together and also

to be aware of all those who can affect or be affected by a project and its associated developments. Stakeholder management enables them to see this wider picture and provides guidance for managing the diverse views and interests that can manifest in the course of a project's life. All construction projects have the potential for conflicts of interest that can result in costly and damaging legal proceedings. This new book advocates an alternative to dispute resolution that is proactive, practical and global in its application. *Construction Stakeholder Management* is therefore an essential text for advanced students, lecturers, researchers and practitioners in the built environment.

Running a Successful Construction Company - David U. Gerstel 2002

Running a small business can be daunting to the contractor whose expertise is in building -- not finance or law. This book helps to demystify the day-to-day challenges that contractors face.

Running a Successful Construction Company is

acknowledged as the leading book in its field. *Computer-Based Construction Project Management* - Tarek Hegazy 2013-10-03
For senior-level courses in Construction Project Management, and undergraduate/graduate-level courses in Computer-Aided Construction Management. This text views basic project management concepts from an information technology perspective. It contains comprehensive coverage of quantitative construction management techniques for planning, scheduling, estimating, cost optimization, cash flow analysis, bidding, and project control. All concepts are presented both manually and on computer applications, with a single case study to clearly demonstrate the evolution of concepts in the successive chapters.

Construction Cost Analysis and Estimating - Phillip F. Ostwald 2001

This work provides principles & techniques for the evaluation of construction design, emphasizing the importance of strong analysis

skills & exploring estimation. It aims to provide readers with a balanced & cohesive overview of these two areas.

Construction Management of Healthcare Projects - Sanjiv Gokhale 2013-12-22

A complete, practical guide to managing healthcare facility construction projects Filled with best practices and the latest industry trends, Construction Management of Healthcare Projects describes the unique construction requirements of hospitals, including building components, specialized functions, codes, and regulations. Detailed case studies offer invaluable insight into the real-world application of the concepts presented. This authoritative resource provides in-depth information on how to safely and successfully deliver high-quality healthcare construction projects on time and within budget. Coverage includes: Regulations and codes impacting hospitals Planning and predesign Project budgeting Business planning and pro formas Healthcare project financing

Traditional delivery methods for healthcare projects Modern project delivery methods and alternate approaches The challenges of additions and renovations Mechanical and electrical systems in hospitals Medical technology and information systems Safety and infection control Commissioning of healthcare projects Occupying the project The future of healthcare construction
The Construction Technology Handbook - Hugh Seaton 2021-01-07

Tired of new software that doesn't seem to work in the field? Ready to get your teams up to speed and productive with the latest tools? The Construction Technology Handbook takes a ground up, no jargon look at technology in the construction industry. From clear, quickly grasped explanations of how popular software actually works to how companies both large and small can efficiently try out and onboard new tools, this book unlocks new ways for construction field teams, firm owners, managers, leaders, and employees to do business. You'll

learn about: Simple frameworks for making sense of all the new options cropping up How software and data work and how they work together to make your job easier and safer What artificial intelligence really is and how it can help real companies today Tools that are just over the horizon that will, one day, make your job just a little bit easier New and practical resources to help you incorporate an attitude of innovation and technology adoption into your workplace Perfect for general contractors and subcontractors, The Construction Technology Handbook also belongs on the bookshelves of construction technology vendors and construction workers who want to better understand the needs of the construction industry and the inner workings of construction technology, respectively.

Construction Business Development -

Christopher Preece 2007-03-30

Construction Business Development is the first book to provide an insight into business

development strategies, tools and techniques in construction. This edited text combines academic research with the broad industrial experience of construction business development professionals and marketing consultants. It uses illustrations and case studies in addressing current and future challenges and opportunities in a highly competitive business environment. This practical book will help construction managers learn how to turn clients into loyal customers.

Managing the Profitable Construction

Business - Thomas C. Schleifer 2014-03-31

Take control of your construction contracting business and manage it through the natural highs and lows of the construction market. Learn from a team of construction business veterans led by Thomas C. Schleifer, who is commonly referred to as a construction business "turnaround" expert due to the number of construction companies he has rescued from financial distress. His financial acumen,

combined with his practical, hands-on experience, has made him a sought-after private consultant. His experience and no-nonsense philosophy have truly given him a unique perspective. Important topics covered include: Understanding the primary areas of construction business failure in the next decade Minimizing business risk with real-world examples Developing a positive and competent management attitude and strategy Discover how to maneuver through this complicated and risky industry by using the authors' research and proven success strategies to sustain and grow your business.

Construction Contracts - Jimmie Hinze 2001

* Written in layman's terms, this all-you-need-to-know text focuses on the most important aspect of contract administration * Covers many legal issues related to construction law and provides essential background material about fundamentals * Examples of filled out documents help clarify the key points

International Construction Contract Law - Lukas Klee 2015-01-07

"Aimed at a global market so not oriented to any particular legal system, the book is useful to readers throughout the world"--

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.

Large-Scale Construction Project Management - Yan Tan 2020-04-02

A majority of large-scale construction and major infrastructure projects are funded by public funds from taxpayers. However, these projects are often subject to severe delays and cost overruns. Large-Scale Construction Project Management: Understanding Legal and Contract Requirements introduces integrated approaches to project management and control mechanisms to effectively manage large-scale construction projects. It explains the contractual requirements and associated legal principles under the latest edition of the leading standard forms of contracts, including FIDIC 2017, NEC4, and JCT 2016. It explains integrated project governance regarding time, cost, risk, change,

contract management, and more. Further, it discusses the legal issues of scheduling delays and disruptions regarding the Delay and Disruption Protocol (Society of Construction Law) as well as Forensic Schedule Analysis guidance (American Association of Cost Engineering). Features: Provides strategies to effectively resolve disputes during construction projects Examines Quantitative Schedule Risk Analysis (QSRA) and Quantitative Cost Risk Analysis (QCRA) Introduces the most recent software and techniques used in managing large-scale construction projects This book serves as a useful resource for project control and management professionals, researchers in construction management and project management, and students in building construction management and project management.

Lean Construction - Alexander Lange 2016-12-14
Lean-Construction: practical insights for innovating construction management This book

grasps some of the most practical and applicable concepts in optimizing construction projects and the objective is, to dig deeper into what is behind this so-called "lean-construction". Six topics are selected, based on the criteria of highest relevance in conducting construction projects. Each chapter is introduced with a provocative key questions, such as "why is construction progress always lower than planned", "why is building a steering room more than installing a performance board" or the question of "how to steer a construction site with takt-time" and many other topics such as performance management, or integrated collaborative planning. The content of this book will simplify your life as a construction manager, planner, owner or consultant. And at the same time it is easily understandable and fun to read. Alexander Lange Prof. Dr.-Ing.

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.

Agile Construction - Perry Daneshgari
2015-03-27

* Updated version! Now with full color photos, graphs and charts throughout the book. Agile Construction(r) for the Electrical Contractor provides the tools and guidance needed to transform a traditional, reactive project management style to a new, proactive, profitable, and productive business management model - one that can quickly respond to changing industry needs and remain a profitable enterprise, even during the toughest of times. In this groundbreaking new book, Dr. Daneshgari applies proven managerial techniques from

other industries to electrical construction through the introduction of Agile construction - a new scientifically-based tracking system based on jobsite dynamics and the bottom-line impact of the three sources of cost drivers: money, materials, and manpower. This practical and accessible guide to improving operating systems and efficiencies is a must-have for construction company owners, CEOs, project managers, and supervisors with its clear set of practical tools, processes and tips for improving productivity. *Managing a Construction Firm on Just 24 Hours a Day* - Matt Stevens 2006-10-19

This detailed overview of the construction contracting business delivers an invaluable collection of best practices, forms, templates, and checklists designed to reduce risks and increase profits. Contractors will learn everything they need to know about the make-or-break areas of estimating, pricing, bidding, project management, and financial management. The author is well-known in the industry, with a

weekly newsletter, website, online digest, regular column for Contractor magazine, and 70-plus seminar bookings for 2006 Extensive examples and illustrations help readers apply the insights offered

Value and Risk Management - Michael F. Dallas 2008-04-15

Published on behalf of the Chartered Institute of Building and endorsed by a range of construction industry institutes, this book explains the underlying concepts of value and risk, and how they relate to one another. It describes the different issues to be addressed in a variety of circumstances and at all stages of a project's life and reviews a number of commonly used and effective techniques, showing how these may be adapted to suit individuals' styles and circumstances. * Published on behalf of the Chartered Institute of Building with cross-industry institutional support * Combines value and risk management which are often considered, wrongly, in isolation * Makes a

complicated subject accessible to a wide audience of construction practitioners * Features checklists and proformas to aid implementation of best practice * Author has extensive practical experience of the subject

Construction Project Management -

Frederick E. Gould 2011

Construction Project Management, Third Edition provides readers with the "big picture" of the construction management process, giving a perspective as to how the construction industry

functions in relation to the national economy and in the public's eye. This book focuses on the collaborative effort required to complete any public or private construction project, providing the construction professional with the skills needed to work with and alongside the owner representative, the designer, and within the public's eye. It explains in detail the project elements and environment, and the responsibilities of the varied project professionals, and follows in detail the chronology of a project.