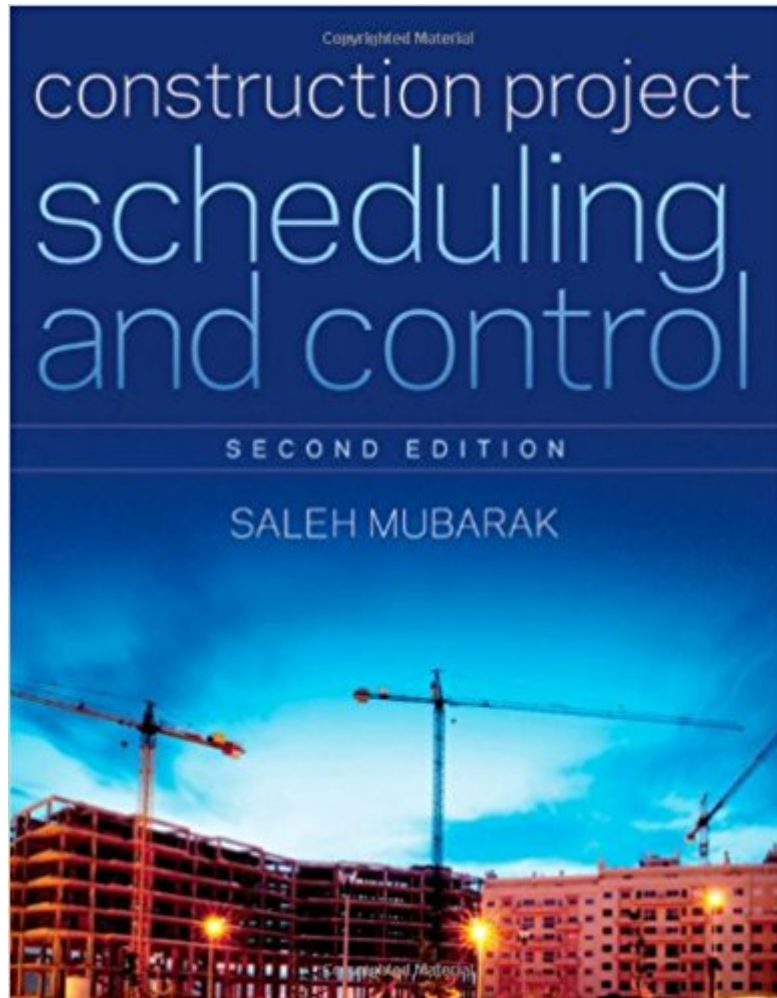




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Construction Project Scheduling And Control



Synopsis

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.

Book Information

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Customer Reviews

Construction Project Scheduling and Control will appeal to a broad range of readers, both students and professionals. It contains a useful blend of basic fundamentals and advanced techniques, as well as understandable theory and practical applications. This is a scheduling text reflective of today's industry. Some of the key features include: Numerous solved example problems as well as practice exercises. References to the major software programs without making an attempt to teach them in detail. Precedence networks as the major scheduling method, with coverage of arrow networks restricted to minor coverage as needed. Focus on scheduling as part of the overall project management effort. --This text refers to an out of print or unavailable edition of this title.

Saleh A. Mubarak holds a Ph.D. in civil engineering / construction management from Clemson University and a M.Sc. in civil engineering / structures from Ohio University. He has over 22 years of diversified experience. He worked as a professor, consultant, project controls manager, project scheduler, cost estimator, structural engineer, and civil engineer. His experience includes academics as well as the construction industry. He is the author of two books and an international authority in project planning, scheduling, cost estimating, and project control. He is an active member of several professional organizations such as PMI and AACE International. He continues to conduct professional seminars on several topics around the world. Currently, he is the head of the Civil & Architectural Engineering Department at Qatar University.

It wasn't what I was looking for.

Excellent

This book, so far, is the best guide to learn construction scheduling, period. I have bought other books from other scholars but this is a must.

Much cheaper than going through the bookstore. Item was just what I needed and came right in time for classes.

As one who was hired as a project scheduler with no experience in the field, I found this book an invaluable resource. No other book I could find dealt exclusively with the topic of project scheduling. Mubarak presents a comprehensive treatment of the topic, along with exercises to help you master

the material. I highly recommend it!

Good great sweet awesome tight helpful kewl cul nice amazing okay a plus in the class it was great nice

Examples aren't that great. Each chapter is neatly twenty pages. Some topics NEED MORE EXPLANATION. It is a good text, but, not a definitive source

A good beginning overview.

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