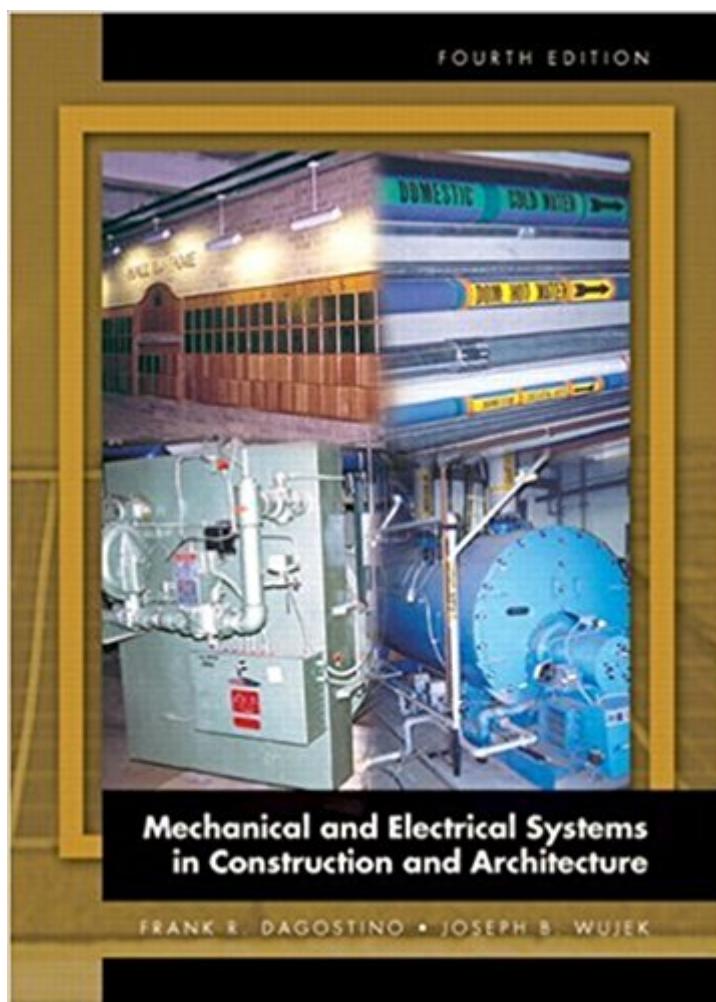


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# Mechanical And Electrical Systems In Construction And Architecture (4th Edition)



## **Synopsis**

This book provides an in-depth view of the mechanical and electrical systems in construction, followed by a step-by-step approach to the design of each system. Intended to provide an introduction to building mechanical and electrical design concepts and principles, this major revision is written for all those involved in the construction industry. Elementary engineering concepts and design principles are introduced in a straightforward manner and presented on an elementary mathematics level; requiring students to have a working knowledge of algebra. This book addresses the growing complexity of design standards and regulations and rapid changes in new building technologies, which in turn is expanding the role of the architectural and engineering technician. For those interested in the design of building electrical, lighting, plumbing, HVAC, fire protection, and telecommunications systems.

## **Book Information**

Hardcover: 752 pages

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Average Customer Review: 4.5 out of 5 stars 21 customer reviews

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## **Customer Reviews**

"While reading Construction Project Management, I recalled the days early in my career as an architect/engineer. The description of weekly meetings and topics covered, estimates put together first by the architect on a square foot basis and the more detailed estimates of the general and subcontractors, and checking and coordination of shop drawings all rang true to my memory of how things actually happened on the job." 151; William W. Campbell, Montgomery College (retired)

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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. For construction professionals, including project managers, architects, project owners and their representatives, civil engineers, and practitioners who are looking for an understanding of the changes in their industry and new tools and management methods available for dealing with those changes. --This text refers to an out of print or unavailable edition of this title.

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This can give you a basic idea of what management is going to be like, and the tasks that will be necessary, but in all reality, a book isn't going to tell you how to do your job. If you have to buy this for coursework, I still don't know if I would consider buying it unless it's mandatory. Even then, you could just check it out from the library if they've got one or two on reserve. There isn't a whole lot in this book that isn't common sense, and there isn't a whole lot that will really get you anywhere if you're already a professional. I spent my money on it because I always bought all my books for my classes, but this is one of those books that I rarely opened before and I will probably never open it again.

There is nothing i dislike about this item. it is overall very nice. i would recommend to anyone in the business.

In today's environment, students must anticipate and prepare for employing themselves. The Construction Project Management book provides an overall understanding of many of the details to organize and manage a construction project. Together with knowledge of renewable energy systems, and a course in Entrepreneurial Business Management, the student can realistically start their own business and employ both themselves, and others.

As good As I expected.

Very good!

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Excellent book

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