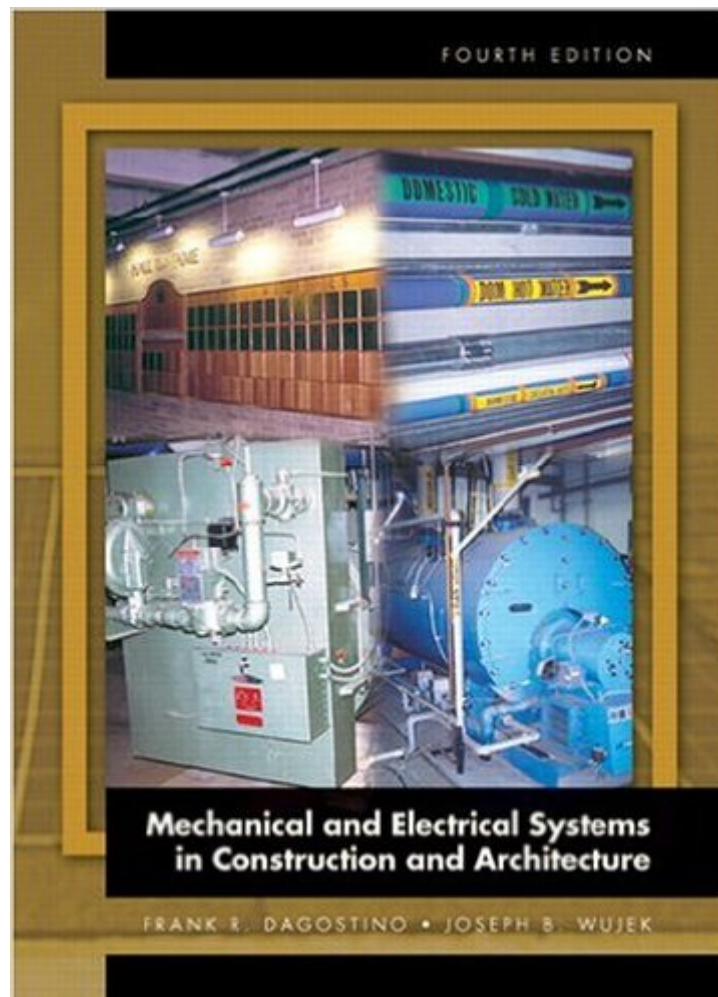


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# Mechanical And Electrical Systems In Construction And Architecture (4th Edition)



## 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

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## Customer Reviews

This book uniquely covered the traditional construction management subjects of estimating, scheduling, control, then added preconstruction activities and project delivery methods, followed by construction law and safety. These subject, which are integrated together in the work world, are usually found in 3-4 different books. Some additional depth, such as adding order of magnitude estimating, and estimating by assemblies, was a welcome addition. A little more "this is how it is really done in the real world" would have been helpful. [Choosing Project Success - A Guide for Building Professionals](#)

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.

Easy to rent and return, the book had some highlighting and a worn cover, but it was still completely readable and cheaper to rent than to buy.

Needed the book for class and it was fairly inexpensive compared to many others. Its used but not abused which is always a good thing.

shipped and recieved as expected- great price. Prior editions are the only way to go! No hassle business, just the way I like it.

This book was written by my old professor at wentworth institute of technology. Although he only gave me a B in the class i have to say the book was written very well ;). It is designed to give the reader important information of construction management in a very basic way. If you are a beginner in the construction business you can not go wrong with this book.

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

It is an excellent book.It is very easy to read and comprehensive.I like it, I recommend this book.

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