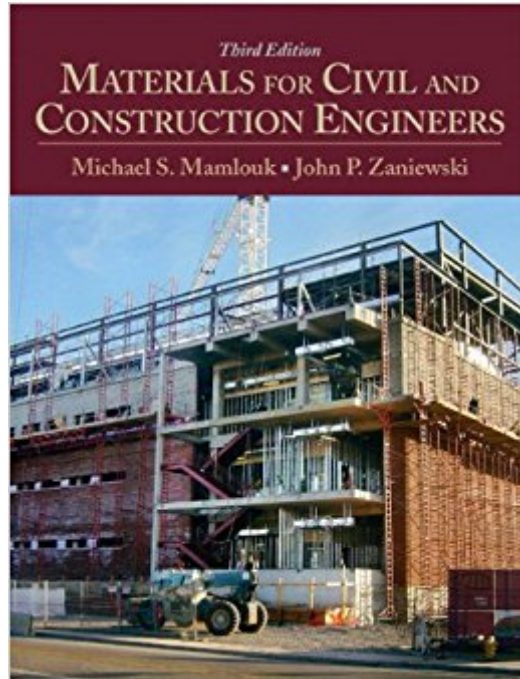


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# Materials For Civil And Construction Engineers (3rd Edition)



## Synopsis

Materials for Civil and Construction Engineers, 3/e is ideal for courses in Civil Engineering Materials, Construction Materials, and Construction Methods and Materials offered in Civil, Environmental, or Construction engineering departments. This introduction gives students a basic understanding of the material selection process and the behavior of materials – a fundamental requirement for all civil and construction engineers performing design, construction, and maintenance. The authors cover the various materials used by civil and construction engineers in one useful reference, limiting the vast amount of information available to the introductory level, concentrating on current practices, and extracting information that is relevant to the general education of civil and construction engineers. A large number of experiments, figures, sample problems, test methods, and homework problems gives students opportunity for practice and review.

## Book Information

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Average Customer Review: 3.7 out of 5 stars – See all reviews (32 customer reviews)

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## Customer Reviews

I bought this book for a college class called Materials in Civil Engineering. Overall, the book was a bit boring, but relatively thorough. It's hard to make this subject more intriguing. The section about mix design was not great. The content was confusing, and the examples were kind of hard to follow. I know there are always less strong sections in textbooks. However, concrete mix design is extremely important, and it is unfortunate that this is the sub-par section.

This used book is exactly identical as the one you need for your course! Although the cover page is

different from what you see here, the content inside is exactly the same. The paper quality is acceptable while the price is a lot lower. The customer service is really good. I recommend it!

I found and still find this text to be simple in my studies. It constantly provides and explains practical applications of the material. Although there is some theory, most of the text applies the engineering theory to the real world, helpful for infusion into the field and application in the lab.

This book was easy to read and follow along with. The information is mostly well laid out and the example problems are ok, could use more. Biggest downside was that the answers were not in the text.

Don't buy/rent the digital copy. Many of the figures in the digital version are incorrect. On page 376 figure 9.30 is a picture of a man when it should be a Marshall Stability Machine. I wish they would have made such obvious errors in earlier chapters so I would have realized all the mistakes in this book before making dumb errors on easy questions asking to identify testing apparatuses on my lab quizzes. Engineering classes are difficult enough without losing easy points because your textbook has mislabeled all the equipment.

I used this book in class. It isn't the most modern-looking or modern-feeling book by any means. However, the information is provided in a straight forward and simple way. There isn't too much unnecessary elaboration like many other textbook authors try to do to prove their credentials to the reader. At a personal level, I personally found the book really interesting. The information presented here was different than the average engineering book. This was a more of a guideline for design and explanation for why things the way they are - not a list of equations that you blindly follow. The examples are worked out clearly and everything seems to make sense right away. The book is relatively basic (at least my understanding of what basic is) but not boring. Good for people that want to understand whats going on. Its also not too math involved. As I said before, the different sections tend to outline the basics of a topic (concrete for example) and then the author goes step by step explaining how to design a mix for a specific purpose and how every property you choose will affect the outcome. Chances are you don't have a choice in whether to buy the book or not since its for a class, but if not, for what its worth, I recommend it.

SCAM !! they sold me a international version which looks different as the one on the picture. a lot of

stuff missing like chapter numbers, content table does not specify sections under each chapter, some problems were different. Also, I hated the book's quality, there were stickers everywhere and sharpened the portion that says "international" as well as the according ISBN!!! Just not at all as promised

This would be such a great book if it weren't so vague on the explanation on mix design and superpave. It's sometimes hard to follow the examples. Especially on the mix design.

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