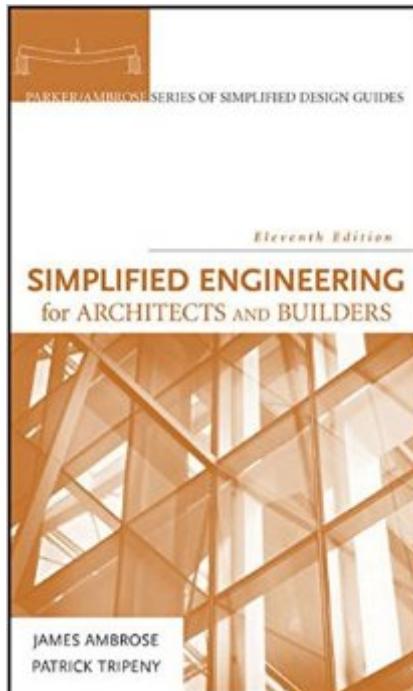


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# Simplified Engineering For Architects And Builders



## Synopsis

The classic reference for structural design and constructionâ "completely revised and updated Approaching its eighth decade as the industry leader, Simplified Engineering for Architects and Builders remains the reference of choice for designers and constructors. This new Eleventh Edition is thoroughly revised and updated to reflect the latest practices in the design of structures. Long considered a standard in the field, this perennial bestseller provides a clear, accessible presentation of the engineering information that is essential for architects and builders. Offering a concise, highly readable introduction to the investigation and design of ordinary structures for buildingsâ "including information on structural analysis, materials, and systemsâ "this thoroughly updated Eleventh Edition includes: The latest building and material codes A fresh look at the LRFD method as well as the ASD method of structural design A revised section on the principles of structural mechanics for the latest generation of designers and builders Essential formulas for the solution of structural problems More than 200 descriptive illustrations A companion Web site that now provides access to the Study Guide to Accompany Simplified Engineering for Architects and Builders An unparalleled resource for students and professionals in architecture, construction, and civil engineering, Simplified Engineering for Architects and Builders, Eleventh Edition boils structural engineering down to its essentials and provides the simple design solutions that are used for the vast majority of buildings.

## Book Information

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## Customer Reviews

I had to buy this book for my Intermediate Structures class, and while I've learned a decent amount, the format of this book has not been helpful. The tables are wonderful, but equations in the book are written without units, so unless you know exactly where the author is pulling his numbers from, you will get lost and end up screwing up your own calculations. Its decent for reference for the tables, but there are better-written books for learning structures.

This is not a simplified treatment of the subject. I have a graduate degree in engineering and needed by background in Structures to understand it. I would not recommend it to builders without an engineering or architectural background.

This is a great product. It contains all the information you need for designing. The information inside is priceless. It does lack the basic physics information which you have to find somewhere. Which usually means you'll have to buy a book on that which will have some of the same information but this is more informative than the similar information other books will provide. By basic physics, I mean the load diagrams, momentum, and sheer. It has real basic cheat sheets but going into depth on the matter it doesn't.

I've done about a million sheer and moment diagrams in steel, wood, and concrete. Yet I still can't explain why the units of moment of inertia are inches squared or why the location of the centroid is of any great importance. In other words this is another book which is very good at explaining the "how" of statics but not the "why".

I really like this book because of how the steps are explained and the amount of varied examples given. I ended up actually keeping this text book. This is coming from the guy who uses his e-reader and downloads as often as possible and sells all text books necessary to buy on the last day of the semester. Arch major

The book rental system is very handy, as I got a book I only need for one semester for less than 20% of the purchase price. The book itself, not so great. There are several glaring errors and typos which should have been fixed by this 11th edition. Our instructor uses the 10th edition, and the same errors have carried over from that one. The small page sizes also make for a very thick book that is hard to keep open. If you don't need it for a particular class, I don't know that I would get this.

I ordered this book in preparation for the ARE SS exam. It does a decent job at explaining some concepts, but not as through as the Ballast or Kaplan guide. It give example problem, but never explains thoroughly how units are derived. I barely used it after reading the first few pages. I don't even know if I will keep it past the SS exam.

There is so much missing from this book, its hard to know where to start. A basic example is in the section that talks about design methods and more specifically the sub section that discusses strength design (LRFD). The author goes on to explain "a" design method, but unless you know what he is talking about there isn't anything in the text that would let you know exactly what design method is being explained. He doesn't even tell you what LRFD stands for (Load and Resistance Factor Design). It seems that there was a rush to get this to print and not enough time spent on the editing.

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