



Simplified Engineering for Architects and Builders

James Ambrose , Patrick Tripeny

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The bestselling structural design reference, fully updated and revised*Simplified Engineering for Architects and Builders* is the go-to reference on structural design, giving architects and designers a concise introduction to the structures commonly used for typical buildings. The clear, accessible presentation is designed to give you the essential engineering information you need without getting bogged down in excess math, making this book an ideal reference for busy design professionals. This new 12th edition has been completely revised to reflect the latest standards and practices. The instructor site includes a complete suite of teaching resources, including an instructor's manual and a PowerPoint presentation.

Structural design is an essential component of the architect's repertoire, and engineering principles are at the foundation of every sound structure. You need to know the physics, but you don't necessarily need to know all of the math. This book gives you exactly what you need without losing you in a tangle of equations, so you can quickly grasp and apply the material.

Understand fundamental concepts like forces, loading, and reactions

Learn how to design for wood, steel, or concrete construction

Study structural design standards and develop sound structural systems

Determine the best possible solutions to difficult design challenges

The industry-leading reference for over 80 years, *Simplified Engineering for Architects and Builders* is the definitive guide to practical structural design.

Simplified Engineering for Architects and Builders Details

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Author : James Ambrose , Patrick Tripeny

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Foxtower says

How can I give any less than five stars to a book that has survived seventy years..and is still relevant! OK, there's newer materials, and I learned most of this stuff from studying "modern" engineering math classes, but for the time this was "state-of-the-art" and as such I can't help but respect the author and his time.

Christine says

I found this book to be an excellent resource for information. Coming into a world that I didn't know to much about starting my third year of architectural technology this is a great reference book and explains a lot of things I didn't know about before.
