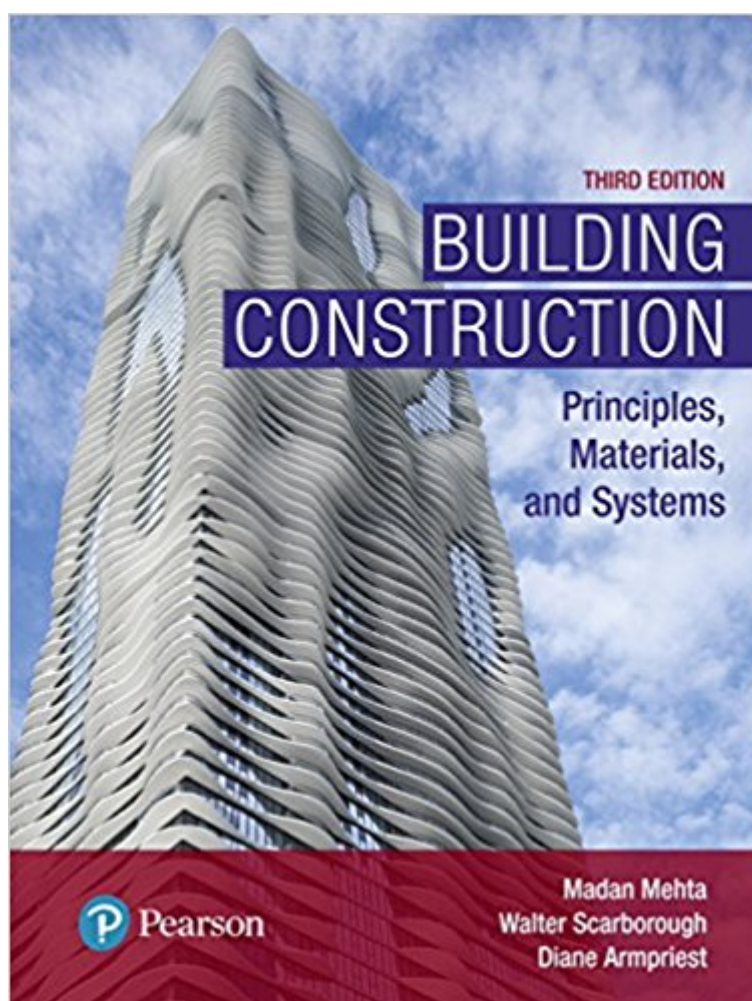


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Building Construction: Principles, Materials, And Systems (3rd Edition) (What's New In Trades & Technology)



Synopsis

For one- or two-semester courses in Construction Methods and Materials and Design in Architecture. Promoting comprehensive understanding in general and complex concepts in construction. Exceptionally well-received and one of the most acclaimed university-level books on construction, *Building Construction, Principles, Materials and Systems* is a comprehensive and fully illustrated introduction to construction methods and materials. It is informed by a core philosophy that sufficient grounding in the principles and science of construction is the best way to equip today's designers and constructors to respond successfully to rapid changes in the built environment. By ensuring students are well-versed in the science and technology of materials and systems, the text aims to better prepare architects, engineers, and constructors to produce a resilient and sustainable built environment—a need that will grow with increasing urbanization across the globe.

The science of building construction and design is evolving more quickly than ever before. The Third Edition of this outstanding text builds on the previous versions. It incorporates the latest updates available, features over one thousand new end-of-chapter problems, and now addresses common errors related to the topic. The organization of the text fosters a definitive understanding of general concepts before moving on to more complex concepts. Emphasizing a visual approach to learning, it includes original illustrations.

Book Information

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Customer Reviews

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Download to continue reading... Diane Armpriest, M.L.A., M. Arch., is Associate Professor of Architecture, College of Art and Architecture, University of Idaho. Before joining the faculty in 2001, she worked as an architectural project manager, and as a project developer and construction manager for neighborhood nonprofit housing providers. Her teaching and research interests include the pedagogy of architectural building construction technology, the expression of structure and materials in Northwest regional architecture, and the relationship between building and site. Previously, she was Associate Professor of Landscape Architecture at the University of Cincinnati. Highlights of her work there include research in resource-efficient design and construction and working with students on design-build projects.

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