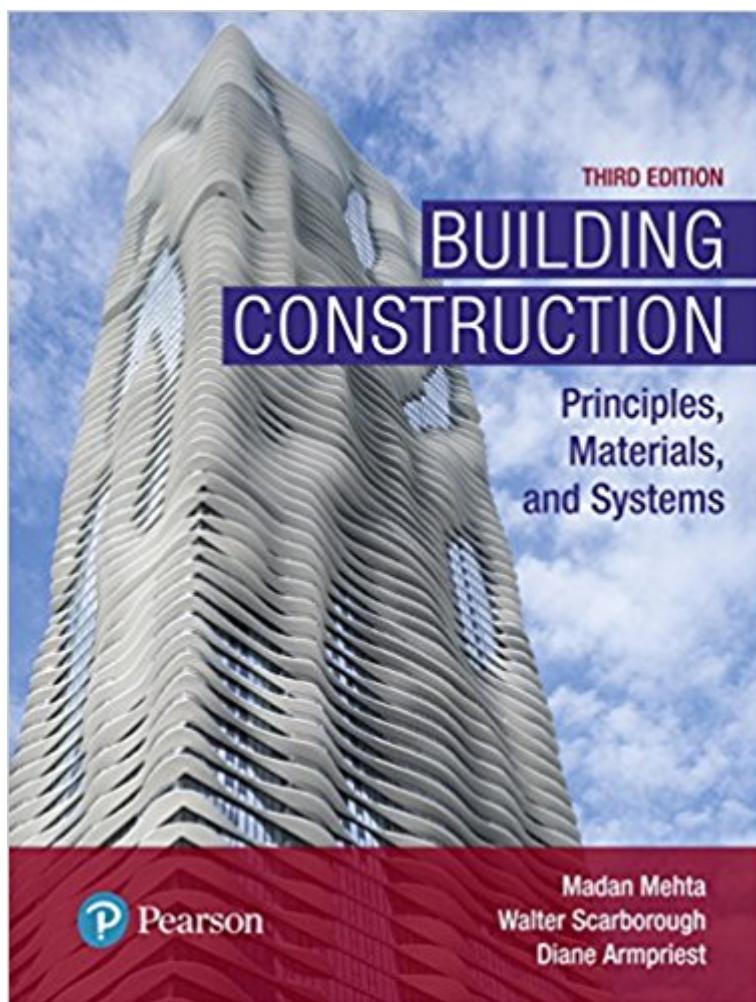


The book was found

# 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

Series: What's New in Trades & Technology

Hardcover: 1008 pages

Publisher: Pearson; 3 edition (January 22, 2017)

Language: English

ISBN-10: 0134454170

ISBN-13: 978-0134454177

Product Dimensions: 9 x 1.5 x 12 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #28,538 in Books (See Top 100 in Books) #10 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural #39 in Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Design & Construction #56 in Books > Engineering & Transportation > Engineering > Construction

## Customer Reviews

Madan Mehta, B.Arch., M.Bdg.Sc., Ph.D., P.E., is a faculty member at the School of Architecture, University of Texas at Arlington, and teaches courses in construction and structures. He was previously the Director of the Architectural Engineering Program at King Fahd University, Saudi Arabia. A licensed professional engineer (Texas), Fellow of the Institute of Architects (India), and Member of the American Society of Civil Engineers, he has worked in India, Australia, the United Kingdom, Saudi Arabia, and the United States. With academic credentials in both architecture and engineering, he ran a comprehensive architecture/engineering practice while working as a faculty member at the Delhi School of Architecture, and he worked for a large general contractor in the United States during a leave of absence. He is the author of several full-length books and monographs on building construction, architectural structures, and architectural engineering.

Scarborough, FCSI, SCIP, is Vice President and Regional Manager for Hall Building Information Group, LLC. He is a specifications consultant and registered architect (Texas) with over 35 years of comprehensive technical architectural experience in specifications, document production, and construction contract administration. Previously the Director of Specifications for 10 years for one of the largest architectural firms in the world, he was responsible for building sciences research, manager of a department of speciers, and master specification development and maintenance, in addition to being the specier for major healthcare, sports, detention, municipal, and commercial projects, some valued in the hundreds of millions of dollars. He is active in the Construction Specification Institute (CSI) at the local level (past president, secretary, and technical director) and

national level (Education Committee and Practice Guide Task team), holds several CSI certifications, was awarded CSI's prestigious J. Norman Hunter Memorial Award for advancing building sciences and specifications, and is the revision author for the first and second editions of CSI's Project Delivery Practice Guide.

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.

[Download to continue reading...](#)

Building Construction: Principles, Materials, and Systems (3rd Edition) (What's New in Trades & Technology) Construction Estimating Using Excel (3rd Edition) (What's New in Trades & Technology) Construction Estimating Using Excel (What's New in Trades & Technology) Building Construction: Principles, Materials, & Systems (2nd Edition) Civil Drafting Technology (8th Edition) (What's New in Trades & Technology) Mathematics for Carpentry and the Construction Trades (3rd Edition) Basic Construction Materials (8th Edition) (Pearson Construction Technology) Building Construction Cost with Rsmeans Data (Means Building Construction Cost Data) RSMeans Building Construction Cost Data 2012 (Means Building Construction Cost Data) Building Construction Cost Data (Means Building Construction Cost Data) Historical Building Construction: Design, Materials, and Technology Surveying Fundamentals and Practices (7th Edition) (What's New in Trades & Technology) Introduction to Animal Science: Global, Biological, Social and Industry Perspectives (6th Edition) (What's New in Trades & Technology) Engineering Materials 3: Materials Failure Analysis: Case Studies and Design Implications (International Series on Materials Science and Technology) (v. 3) Residential Landscape Architecture: Design Process for the Private Residence (7th Edition) (What's New in Trades & Technology) Electronic Devices (Conventional Current Version) (10th Edition) (What's New in Trades & Technology) Machine Elements in Mechanical

Design (6th Edition) (What's New in Trades & Technology) Surveying Fundmanentals and Practices (What's New in Trades & Technology) CAST Exam Secrets Study Guide: CAST Test Review for the Construction and Skilled Trades Exam Construction Contract Dispute and Claim Handbook, Introduction, and Division 01: A Primer on the Nature of Construction Contract Disputes for Attorneys, ... (Construction Contract Dispute Handbook)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)