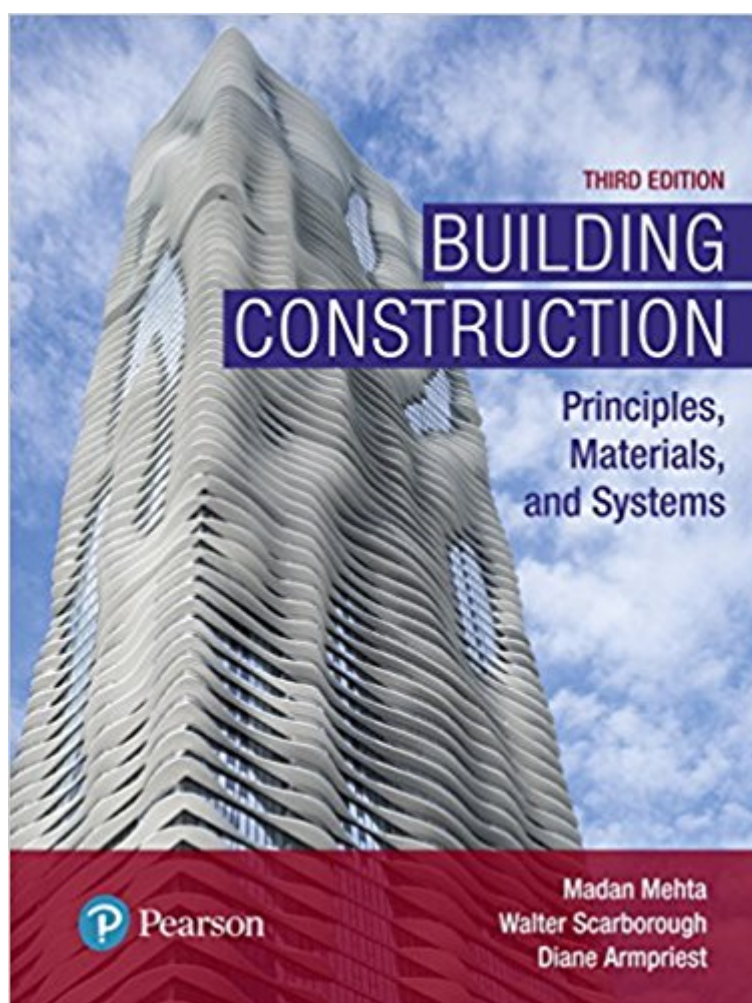


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Building Construction: Principles, Materials, And Systems (3rd Edition) (What's New In Trades & Technology)



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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Walter R.

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.

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