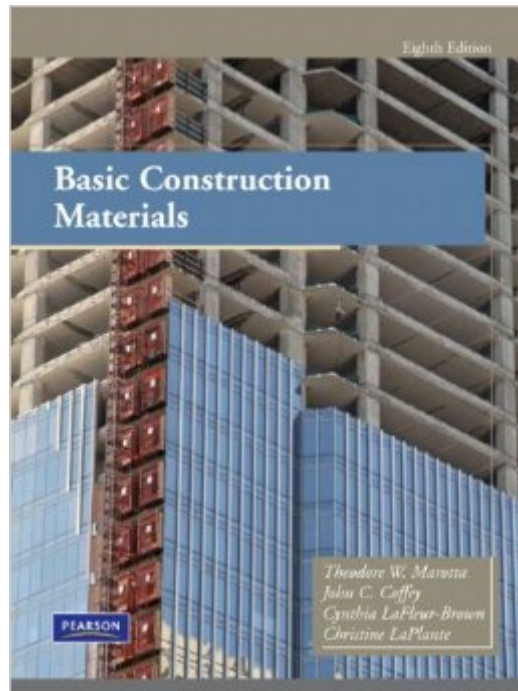


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# Basic Construction Materials (8th Edition) (Pearson Construction Technology)



## Synopsis

Basic Construction Methods, Eighth Edition, offers an in-depth introduction to the real-world application of some of the most fundamental materials used in construction today. This informative and practical text reflects the latest industry standards from ASTM and ACI and fully prepares students for entry into the construction industry or for further study in construction methods, specification writing, design methods, or related engineering programs. This new edition takes a renewed focus on sustainability, the environmental costs of materials production, and the ability to recycle construction materials.

## Book Information

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Average Customer Review: 4.1 out of 5 stars [See all reviews](#) (16 customer reviews)

Best Sellers Rank: #158,718 in Books (See Top 100 in Books) #115 in [Books > Textbooks > Engineering > Civil Engineering](#) #362 in [Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Design & Construction](#) #464 in [Books > Engineering & Transportation > Engineering > Construction](#)

## Customer Reviews

It's important to note that this version of the book has the ACTUAL ASTM STANDARDS for testing of construction materials whereas the next edition has them omitted and the test standards are edited and renamed as "experiment # x". If you want the actual ASTM standards, buy this version.

For the price, this book is a rip off (as are most college texts). The book is very poorly written, and there are several typos throughout the book. I talked to one of the authors and they didn't seem to care what anyone thought of the book. I would not recommend this unless it is required for class.

This book is in a head on collision with the applicable codes and basic engineering judgement, for

instance question (10 on page 225) showing a 10 feet wall with 1 ft thickness and two feet wide footing with no reinforcement, what happened to concrete creep, shrinkage, fondation design and differential settlement, also on part c of the same question, the layout of the reinforcement with open transverse reinforcement and two adjacent bars with no ties which is not acceptable by ACI 318, if you don't have time to consider this major basic details use a cookbook, and this goes on and on.but the book has some good pictures though.

Mr. Coffey and Dr. LaPlante work at Hudson Valley Community College where I go for civil engineering. The book starts off dealing with aggregates and has so far been very helpful.

Hey, it's required for school, good for what it is I guess. Some subjects aren't very detailed. The book is still in good shape and I bought it used for a killer price!

The content of the book is good. The practice problems have a lot of mistakes and do not offer the solutions.

This was interesting reading on the industrial uses of common building materials.Six major materials are explained in detail.First,the aggregates and secondly,the asphalt with or without concrete.The third and the fourth are Portland cement concrete and the masonry.The last two materials are iron(steel) and wood.Many review questions revised and expanded.Discussion on plastics,glass, and sheetrock.Appendix on codes and standards(A.S.T.M.).Plenty of metric examples and illustrations.The text provides valuable information on structural engineering standards for up-dating today's infrastructure needs for tomorrow's uses.

This book is OK

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