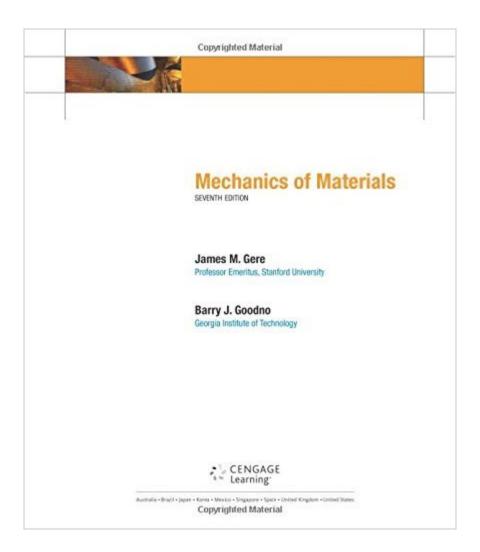
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# Mechanics Of Materials (Available Titles CengageNOW)





# Synopsis

Now in 4-color format with more illustrations than ever before, the Seventh Edition of Mechanics of Materials continues its tradition as one of the leading texts on the market. With its hallmark clarity and accuracy, this text develops student understanding along with analytical and problem-solving skills. The main topics include analysis and design of structural members subjected to tension, compression, torsion, bending, and more. The book includes more material than can be taught in a single course giving instructors the opportunity to select the topics they wish to cover while leaving any remaining material as a valuable student reference.

## **Book Information**

Series: Available Titles CengageNOW Hardcover: 1022 pages Publisher: Cengage Learning; 7 edition (April 15, 2008) Language: English ISBN-10: 0534553974 ISBN-13: 978-0534553975 Product Dimensions: 9.5 x 8.1 x 1.7 inches Shipping Weight: 4 pounds Average Customer Review: 4.5 out of 5 stars Â See all reviews (15 customer reviews) Best Sellers Rank: #464,366 in Books (See Top 100 in Books) #51 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Strength of Materials #299 in Books > Science & Math > Physics > Mechanics #387 in Books > Textbooks > Science & Mathematics > Mechanics

## **Customer Reviews**

I am a student of Structural Engineering at the City College of New York--a college that--to all those who have been--is known for its extreme academic rigor in the fields of engineering. The course CE332: Mechanics of Deformable Bodies is THE hardest class in our major, often requiring students to take 2 and even 3 times over until they manage the passing grade of D or slightly higher. The passing rate is approximately 20-25%. The reason for this is that the exams are NOTHING like the Beer and Johnston book we use in class. After barely failing the class the first time (but having a near perfect academic record besides that), i took it upon myself to find ALL the material i possibly could in order to outsmart the professors and do well for once on their IMPOSSIBLE exams. In this search i came across the 2nd Edition of this book, written by Stephen Timoshenko, the father of

Engineering Mechanics in the U.S. I promptly got a copy for \$10. It was the best engineering textbook i had yet to see. Despite being old, the textbook was very clear, precise, and easy to understand. Both theory, history, and solved problems were explained with amazing enthusiasm and clarity. But the BEST aspect was the problems given at the end of the chapters. MUCH more difficult than those in Beer and Johnston, and exhibiting a wide array of ingenious applications of the theory, this book's problem set helped me very adequately prepare for the coursework in CE332. As engineerings, our job is to ANALYZE systems. This book, with its problems and its approach, is geared towards helping you attain this skill of ANALYSIS. For the truly passionate structural engineer, the problems within this book will be not only appetizing, but exciting (although oftentimes you'll be banging your head against the wall).

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