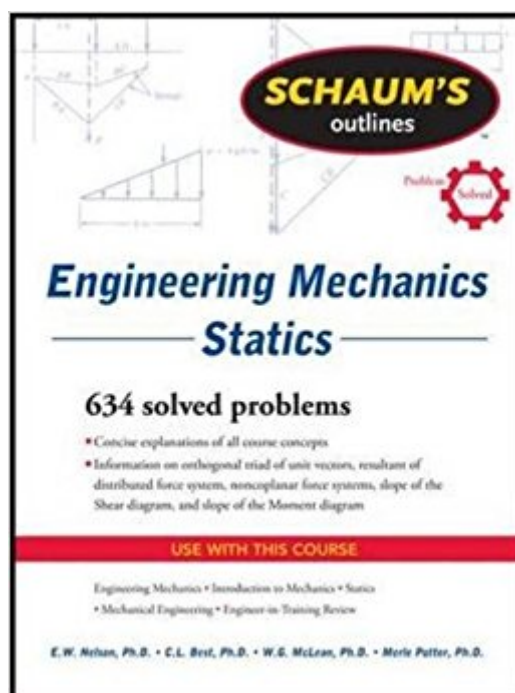


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# Schaum's Outline Of Engineering Mechanics: Statics (Schaum's Outlines)



## Synopsis

Study faster, learn better, and get top grades Modified to conform to the current curriculum, Schaum's Outline of Engineering Mechanics: Statics complements these courses in scope and sequence to help you understand its basic concepts. The book offers practice on topics such as orthogonal triad of unit vectors, dot or scalar product, resultant of distributed force system, noncoplanar force systems, slope of the Shear diagram, and slope of the Moment diagram. You'll also get coverage of the laws of friction, rolling resistance, the centroid of a continuous quantity, and the theorems of Pappus and Guldinus. Appropriate for the following courses: Engineering Mechanics; Introduction to Mechanics; Statics; Mechanical Engineering; Engineer-in-Training Review. Features: Hundreds of solved problems Support for all the major textbooks for static courses Topics include: Vectors, Forces, Coplanar Force Systems, Noncoplanar Force Systems, Equilibrium of Coplanar Force Systems, Equilibrium of Noncoplanar Force Systems, Trusses and Cables, Forces in Beams, Friction, First Moments, Centroids, and Moments of Inertia, Virtual Work

## Book Information

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## Customer Reviews

E. W. Nelson taught Mechanical Engineering at Lafayette College and later joined the engineering organization of the Western Electric Company (now Lucent Technologies). Charles L. Best is Emeritus Professor of Engineering at Lafayette College. W. G. McLean (Easton, PA) is Emeritus Director of Engineering at Lafayette College. Merle Potter is professor emeritus of Mechanical Engineering at Michigan State University.

If you have a good teacher and/or textbook, you may not really need this. It is definitely not one of Schaum's better outlines, as it does have a bunch of typos and errors. Some you can easily spot and others not so much. On the plus side you are likely to find at least one worked out example for problems you will be assigned so if you do get stuck on something you can try to get through it. It is not however going to teach you as much as the book or a good teacher will. The explanatory material is very basic, and the problems that do not have worked out steps are not even worth looking at, because there is no way to tell if your answer is right, the author/editor's answer is right or neither. Luckily I had a pretty good statics teacher and the book was not all that bad, so I really did not have to crack it open while I was taking the class. For those looking for a better tutorial, I suggest [Engineering Mechanics Statics Tutor - Volume 1](#). There are also second and third volumes of that set which have not yet shown up on . I would use those if you need help with the concepts and then this to have 1 or 2 extra problems to do. I would not spend a ton of time working every problem in the book though.

An excellent adjunct to a standard textbook. Purchased for a second year engineering undergrad. Worked problems often illuminate the dry textbooks. Sixty years ago Schaum's Outlines were a lifesaver...equally good today

Great shape. Exactly what I need to learn the materials. I have bought several of these books and plan to continue buying.

Good value for the money. Very helpful

It's been quite a while since I took statics in school and I needed to brush up on them. Unfortunately I had gotten rid of my old statics book. Even more unfortunate was my decision to use this book to try and refresh my memory. The theory section in each chapter is fairly short and terse. You really need to read for detail and not skip anything. While this isn't my favorite way of learning I can deal with it. What I can't deal with are incorrect answers to the problems and this book is loaded with that kind of thing. I keep finding solved examples where if I use a calculator and follow along with the work that they show I wind up with different answers. As other reviews have pointed out there are lots of problems in each chapter where the answer is simply provided with no work shown. If you wind up with a different answer you never know if you've worked the problem incorrectly or the book

just has the wrong answer shown. Given the authors' record on the solved problems you have good reason to suspect their published answers. Finally, this book is nightmare to read on a phone with the official Kindle app. You can't enlarge the text of the equations. All other text on the page can be enlarged but if you can't read those formulas (and I couldn't even with 20/20 vision) you're just out of luck. I had to resort to using the cloud reader in order to see all of the text.

No break down solution

great excersices

The problems are quite outdated

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