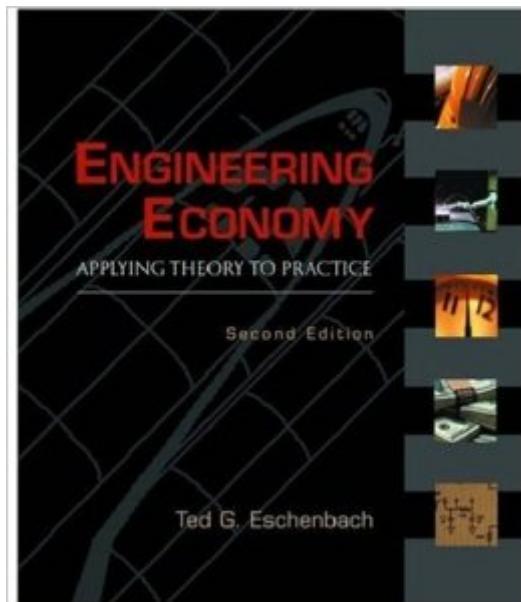


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# Engineering Economy: Applying Theory To Practice (Engineering & Technology)



## Synopsis

Thoroughly revised in this second edition, *Engineering Economy: Applying Theory to Practice* combines real-world problems, minicases, and examples with a solid theoretical foundation in engineering economy. This innovative book covers all the standard topics included in the Fundamentals of Engineering (FE) Exam. It clearly illustrates concepts and methods--such as cost estimating, sensitivity analysis, probability, and multiple objectives--needed for successful application of engineering economy in industry practice. In addition, fully integrated Excel spreadsheets throughout the text function as indispensable analytical tools for problem-solving and understanding. *Engineering Economy: Applying Theory to Practice*, 2/e, is a comprehensive introductory text suitable for upper-division undergraduate courses, graduate courses, or as a professional reference.

**NEW TO THE SECOND EDITION:**

- Â Unique insight into using Excel functions for MACRS depreciation
- Â New problems, examples, references, illustrations, graphs, and tables
- Â Minicase studies at the ends of most chapters
- Â Improved coverage of replacement analysis, inflation, and sensitivity analysis
- Â An appendix on engineering economy-based accounting
- Â More accessible presentation of analyzing the defender in replacement problems
- Â Discussion of geometric gradients unified with other engineering economy factors
- Â Comparison of mutually exclusive alternatives now precedes the treatment of constrained project selection/capital budgeting

## Book Information

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## Customer Reviews

Coming into the Cost Analysis class, I was not the biggest fan of engineering economy. This book, however, was very well written and very straight forward. I took this class at a graduate level, and felt it might be more appropriate at an undergraduate level. The concepts are very basic, and though it gets into more difficult problems near the end, the book does a good job of walking the reader through problems step-by-step. It also gives several good examples, though they are not as thorough in the last few chapters. Overall, kudos to the author for making the subject comprehensible and interesting.

I loved this book. This was my 2nd economy course and I didn't even realize how much I didn't learn the 1st time! This book's explanations are quick and concise while giving thorough examples. I also had the pleasure of having Ted as my teacher and he is even better in real life! I plan on keeping this book so that I can continue to use it as a resource throughout my life. I highly recommend this book.

Very bad, don't waste your money...buy it from the book store where you can return it. The entire book is in black and white. Titles and headings which should be in blue are all in black and white (actually light gray) and are very hard to read. Looks like a bootleg copy or something like that. For \$90, I would have expected more.

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