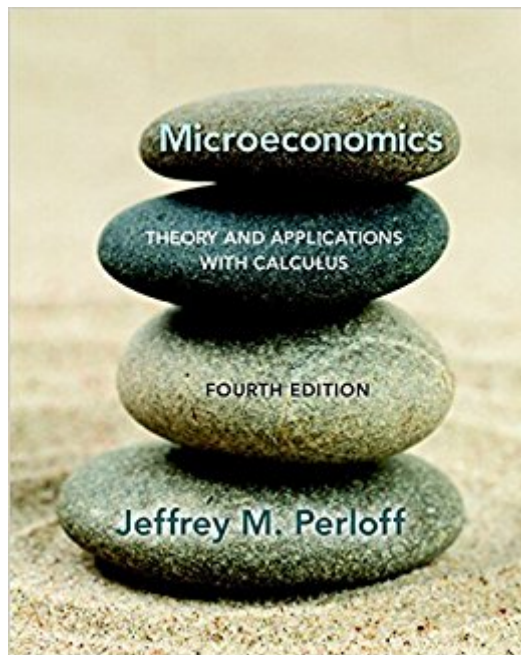


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# Microeconomics: Theory And Applications With Calculus (4th Edition) (The Pearson Series In Economics)



## Synopsis

For courses in microeconomics. **Exploring Microeconomics: Formal Theory and Practical Problems** Significantly revised and updated with new real-world examples, exercises, and applications, this Fourth Edition of **Microeconomics: Theory and Applications with Calculus** remains the premiere microeconomics text to marry formal theory with robust, thoroughly analyzed real-world problems. Intended as an intermediate microeconomics text, Perloff introduces economic theory through a combination of calculus, algebra, and graphs. The text integrates estimated, real-world problems and applications, using a step-by-step approach to demonstrate how microeconomic theory can be applied to solve practical problems and policy issues. Compared to other similar texts, the author also places greater emphasis on using contemporary theories such as game theory and contract theory to analyze markets. Also available with MyEconLab <sup>®</sup> MyEconLab is an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Within its structured environment, students practice what they learn, test their understanding, and pursue a personalized study plan that helps them better absorb course material and understand difficult concepts. **NOTE:** You are purchasing a standalone product; MyEconLab does not come packaged with this content. If you would like to purchase both the physical text and MyEconLab search for: 0134483367 / 9780134483368 **Theory and Applications with Calculus Plus MyEconLab with Pearson eText -- Access Card Package, 4/e** Package consists of: 0134153928 / 9780134153926 MyEconLab with Pearson eText -- Access Card -- for **Microeconomics: Theory and Applications with Calculus** 0134167384 / 9780134167381 **Microeconomics: Theory and Applications with Calculus**

## Book Information

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## Customer Reviews

I am a student at the University of Michigan and this is the book we use for our intermediate microeconomics theory class. To start, this is NOT the book for you if you are weak in math (ie. can't stand calculus) and lack a solid understanding of basic microeconomics. If you are only trying to get the fundamentals, like say, how monopolies behave in a market economy or what a supply and demand curve looks like then go for the one by Pindyck. This book is for those who want to gain a DEEPER understanding of micro. Like given a trade between two individuals, what would be the equilibrium bundle reached by both parties considering their unique indifference curves. And how much would a consumer demand given a budget constraint. These are some of the topics covered in this book and Perloff has done a superb job showing the concepts. The math in this textbook is somewhat advanced for the average undergraduate. If you don't know what a partial derivative is, then you will be lost. There are some first order differential equations and Lagrangians in there as well. In order to get the most out of this book I would say you need to have a solid understanding of calculus I and II, and a basic knowledge of III and IV. The concepts themselves aren't that complicated it's just that Perloff uses a lot of calculus to show them. But like I said, if you ARE good at math then this book will tell you more about intermediate micro and leave you with a far better theoretical background than any other. Indeed, this is arguably the BEST undergraduate textbook for intermediate microeconomics. It's written like how a true microeconomics theorist would write it, and it is way better than the classic by Varian.

I'm an engineering student who decided to take an intermediate microeconomics class to satisfy some elective degree requirement. I didn't know what I was getting myself into with this course: previously this class was taught at the 400 level, with a prerequisite introductory microeconomics taught at the 300 level, then the econ department pulled a fast one on us, and replaced both courses with this one and re-numbered it at 300 level, with no pre-reqs. The class is now known as having incredibly low averages because many students struggle with the difficulty of tackling these mid-level concepts without the introductory prerequisite class. This book is pretty unpopular among my fellow students in my intermediate microeconomics class, but in hindsight - with my hardly sought after "A" locked safely into place :) - I can say that the textbook is pretty good when taken for what it is: a serious mid-level, calculus-based microeconomics book. It requires the reader to spend

time and effort into reading every sentence, and it can be dense and even confusing at times. Either the concepts become better written as you venture into chapters 10-14, or I became better at digesting it, because for me the book was easier to read as I progressed. Low parts: When the author works through specific examples, it can be long and drawn out. The disadvantage is that often the intuition behind the concepts (intuition that could be generalized) is hidden inside the specific example problems, so you never know if you can skip portions that are just doing some number crunching because sometimes some core concept are embedded in them. Also, some portions are just plain written poorly and are difficult to read through.

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