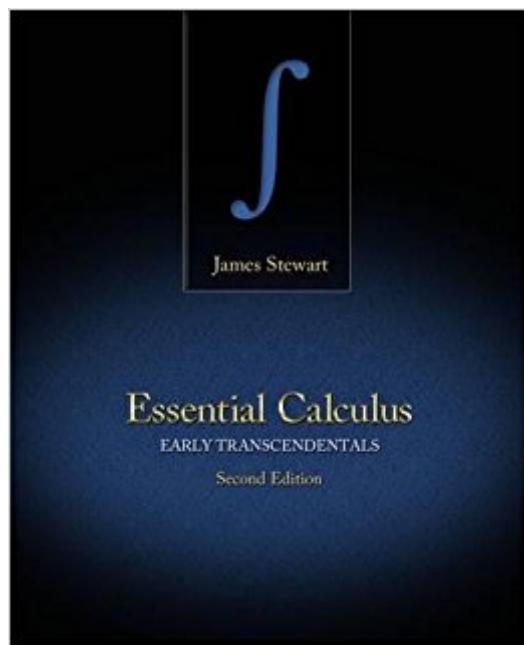


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# Essential Calculus: Early Transcendentals



## Synopsis

This book is for instructors who think that most calculus textbooks are too long. In writing the book, James Stewart asked himself: What is essential for a three-semester calculus course for scientists and engineers? **ESSENTIAL CALCULUS: EARLY TRANSCENDENTALS**, Second Edition, offers a concise approach to teaching calculus that focuses on major concepts, and supports those concepts with precise definitions, patient explanations, and carefully graded problems. The book is only 900 pages--two-thirds the size of Stewart's other calculus texts, and yet it contains almost all of the same topics. The author achieved this relative brevity primarily by condensing the exposition and by putting some of the features on the book's website, [www.StewartCalculus.com](http://www.StewartCalculus.com). Despite the more compact size, the book has a modern flavor, covering technology and incorporating material to promote conceptual understanding, though not as prominently as in Stewart's other books.

**ESSENTIAL CALCULUS: EARLY TRANSCENDENTALS** features the same attention to detail, eye for innovation, and meticulous accuracy that have made Stewart's textbooks the best-selling calculus texts in the world.

## Book Information

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View larger View larger View larger View larger Test your preexisting knowledge. Pinpoint where you may need to brush up on skill techniques to successfully begin the course. Four diagnostic tests begin the text, covering Basic Algebra, Analytic Geometry, Functions,

and Trigonometry--giving you the opportunity to get up to speed on skills needed for Calculus so you can begin the course on solid ground and with confidence. Strategies to help solve problems. Margin notes clarify and expand on topics by providing cautions, historical background, and references to Tools For Enriching Calculus and to [www.stewartcalculus.com](http://www.stewartcalculus.com). Tools for Enriching Calculus is a free, online, interactive resource that allows you to work with animations that deepen your understanding by helping you visualize the concepts you are learning. How Calculus is relevant. Updated data in examples and exercises help you discover the impact of Calculus in its various applications. Effectively prepare for exams. Review what you know and don't know to ensure success on your next exam. Each chapter ends with a comprehensive review that includes a true/false quiz, Concept Check Questions, and exercises for every topic covered in that chapter.

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The late James Stewart received his M.S. from Stanford University and his Ph.D. from the University of Toronto. He did research at the University of London and was influenced by the famous mathematician George Polya at Stanford University. Stewart was most recently Professor of Mathematics at McMaster University, and his research field was harmonic analysis. Stewart was the author of a bestselling calculus textbook series published by Cengage, including **CALCULUS**, **CALCULUS: EARLY TRANSCENDENTALS**, and **CALCULUS: CONCEPTS AND CONTEXTS**, as

well as a series of precalculus texts.

This metric version is NOT the same as the regular version; all the even-numbered practice problems are completely different from the other book, so I scored poorly on the homework, as you can imagine. Buying this version will save you like 175 bucks, but your grade will be compromised if your professor assigns homework meant to be completed from the normal version. Haven't checked out the content portions yet, but if it's the same, I'll keep this version for future reference as I progress in my engineering studies. However, for calculus I homework purposes, I'm back to price-hunting....

THIS BOOK IS WONDERFUL BECAUSE I CAN USE IT FOR 3 CALCULUS CLASSES. IT ARRIVED CLEAN AND NEW. I HAVE PUT SO MANY SIDE NOTES IN THIS ... IT IS WONDERFUL

Good book to purchase if taking Calculus. Pages in good shape. No pages missing or torn, only few math writing on each. Good purchase.

I had purchased this book about week back, and expecting the book, I had received the Student Solutions Manual. Which didn't help me with the two homework assignments I had to do and the quiz I had to take. Nothing but answers to problem and no teachable content has made me very frustrated, now I have to purchase this book again hoping I get the actual book and not just the answers. Very frustrating

came in good condition. can tell that its used. the last three pages for references were missing, no writing on the book. overall it was ok, really good since i didnt really need those last pages, i didnt worry about that. i liked it and use it for class. since i bought it used it came with no access code, so if you need that youll have to buy it seperatly.

The book is incredibly concise with very limited examples of problems and what different mathematical techniques can be used to solve them. If a student wants to have good consistent understand of calculus, I would NOT recommend this book as the only source as it is extremely limited in its explanation and examples.

This book was required for my Calculus II course, and would also be used for Calc I (if I had taken it), as well as Calc III. So far, around 1/3 of the way through the semester, I have found the book to be very helpful. Whenever I had questions about some of the material, I found it was more useful to refer to the book, than my notes. There are 5 tear out reference sheets found in the front/back, which are great for referring back to. Unfortunately, since they are tear-out, this means that if you want them you'll have to buy the book new. It was worth it to me since there were also three classes that would use it. The formatting of the book is excellent, making it easy to see which points are key, and find formula's when you're simply skimming. I highly recommend this book. It loses the 1 star because the reference sheets are tear-out.

bought this for my sister and she used it for calculus 2 & 3. got it for \$10 gently used from goodwill....basically like new. reference sheet was intact and no writings. was an edition older than the one her courses needed but did the job! she loved the explanations and it saved me about \$150!

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