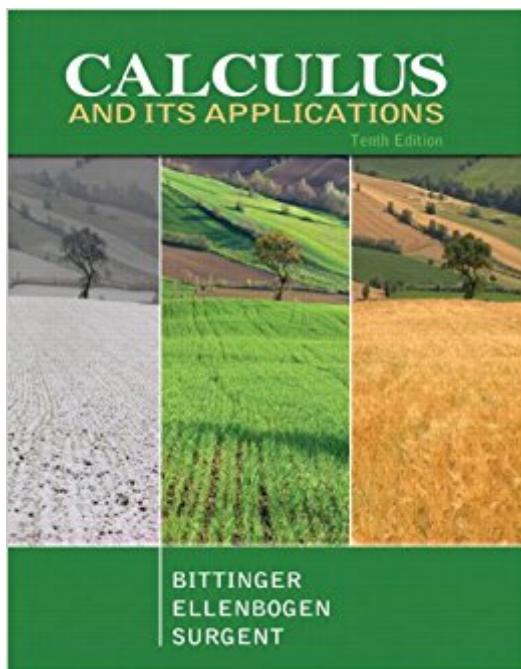


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# Calculus And Its Applications (10th Edition)



## Synopsis

Calculus and Its Applications, Tenth Edition, remains a best-selling text because of its accessible presentation that anticipates student needs. The writing style is ideal for today's readers, providing intuitive explanations that work with the carefully crafted artwork to help them visualize new calculus concepts. Additionally, the text's numerous and up-to-date applications from business, economics, life sciences, and social sciences help motivate readers. Algebra diagnostic and review material is available for those who need to strengthen basic skills. Every aspect of this revision is designed to motivate and help readers to more readily understand and apply the mathematics.

## Book Information

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## Customer Reviews

Marvin Bittinger has been teaching math at the university level for more than thirty-eight years. Since 1968, he has been employed at Indiana University Purdue University—Indianapolis, and is now professor emeritus of mathematics education. Professor Bittinger has authored over 190 publications on topics ranging from basic mathematics to algebra and trigonometry to applied calculus. He received his BA in mathematics from Manchester College and his PhD in mathematics education from Purdue University. Special honors include Distinguished Visiting Professor at the United States Air Force Academy and his election to the Manchester College Board of Trustees from 1992 to 1999. His hobbies include hiking in Utah, baseball, golf, and bowling. Professor Bittinger has also had the privilege of speaking at many mathematics conventions, most recently giving a lecture entitled "Baseball and Mathematics." In addition, he also has an

interest in philosophy and theology, in particular, apologetics. Professor Bittinger currently lives in Carmel, Indiana, with his wife, Elaine. He has two grown and married sons, Lowell and Chris, and four granddaughters. David Ellenbogen has taught math at the college level for twenty-two years, spending most of that time in the Massachusetts and Vermont community college systems, where he has served on both curriculum and developmental math committees. He has also taught at St. Michael's College and the University of Vermont. Professor Ellenbogen has been active in the Mathematical Association of Two Year Colleges since 1985, having served on its Developmental Mathematics Committee and as a delegate, and has been a member of the Mathematical Association of America since 1979. He has authored dozens of publications on topics ranging from prealgebra to calculus and has delivered lectures at numerous conferences on the use of language in mathematics. Professor Ellenbogen received his BA in mathematics from Bates College and his MA in community college mathematics education from the University of Massachusetts at Amherst. A cofounder of the Colchester Vermont Recycling Program, Professor Ellenbogen has a deep love for the environment and the outdoors, especially in his home state of Vermont. In his spare time, he enjoys playing keyboard in the band Soularium, volunteering as a community mentor, hiking, biking, and skiing. He has two sons, Monroe and Zack. Scott Surgent received his B.S. and M.S. degrees in mathematics from the University of California-Riverside, and has taught mathematics at Arizona State University in Tempe, Arizona, since 1994. He is an avid sports fan and has authored books on hockey, baseball, and hiking. Scott enjoys hiking and climbing the mountains of the western United States. He was active in search and rescue, including six years as an Emergency Medical Technician with the Central Arizona Mountain Rescue Association (Maricopa County Sheriff's Office) from 1998 until 2004. Scott and his wife, Beth, live in Scottsdale, Arizona.

I'm pretty sure if you are reading this, purchasing this book isn't really optional for you. That said, the book is decent but a little hard to understand. Some of the examples meant to teach you calculus are ridiculously difficult and sometimes my teacher has a tough time explaining why they did what they did to come up with their answer. Luckily for you, if you have to get this book, they sell a solutions manual for which I give a 5 star review. If you get this, get the solutions manual for sure. You'll find it under "Student Solutions Manual for Calculus and Its Applications".

Are you in college for anything other than an art degree, or just really love math? Do you have a ton

of money to spend on a textbook when you can get the same information from the free, downloadable powerpoints with the MyMathLab subscription that is inevitably required when you take a college level math class? Then boy is this book for you! It teaches... wait for it... basic Calculus! Ever wonder what derivatives are for? Does the question of how to accurately find the slope of any point of a non-linear function just burn in your very soul? Then look no further!

They could have done a much better job explaining how to do the problems. Would have been nice if they would have given more step by step instructions (without skipping steps and assuming you know and remember). Definitely buy the manual that goes with it, which another reviewer mentioned.

I don't have to worry about carrying the entire textbook to class now! Since my class is studying 5 chapters, I only need to take those 5 with me whenever I go to school. The material is easy to digest if you properly read the chapters. I bought this item used, so the access code was not included. In the back of the textbook, there are the answers to the odd-numbered questions, but if you want the solutions, you will need the separate student's manual or the access card (includes the online version of the textbook and the manual). Doing the quick checks within each chapter do help if you understand the material. It's best if you buy this with an access code, as the homework assignments will help you with the practice. I'll give some advice; go with the older versions of the required textbooks, unless you're taking a class where the teacher is so uptight about the exact textbook. With online classes, it's not a worry (you can just search online for missing information). Good luck.

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