

# Calculus of a Single Variable: Early Transcendental Functions

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For the 7th Edition of CALCULUS OF A SINGLE VARIABLE: EARLY TRANSCENDENTAL FUNCTIONS, the companion website LarsonCalculus.com offers free access to multiple tools and resources to supplement your learning. Stepped-out solution videos with instruction are available at CalcView.com for selected exercises throughout the text. The website CalcChat.com presents free solutions to odd-numbered exercises in the text. The site currently has over 1 million hits per month, so the authors analyzed these hits to see which exercise solutions you were accessing most often. They revised and refined the exercise sets based on this analysis. The result is the only calculus book on the market that uses real data about its exercises to address your needs.

Dr. Ron Larson is a professor of Mathematics at The Pennsylvania State University, where he has taught since 1970. He is considered the pioneer of using multimedia to enhance the learning of Mathematics, having authored over 30 software titles since 1990. Dr. Larson conducts seminars and in-service workshops for math educators around the country about using computer technology as an instructional tool and motivational aid. He is the recipient of the 2014 William Holmes McGuffey Longevity Award for CALCULUS: EARLY TRANSCENDENTAL FUNCTIONS, the 2014 Text and Academic Authors Association TEXTY Award for PRECALCULUS, the 2012 William Holmes McGuffey Longevity Award for CALCULUS: AN APPLIED APPROACH, and the 1996 Text and Academic Authors Association TEXTY Award for INTERACTIVE CALCULUS--a complete text on CD-ROM that was the first mainstream college textbook to be offered on the internet. Dr. Larson authors numerous textbooks including the best-selling Calculus series published by Cengage.

Dr. Bruce H. Edwards is Professor of Mathematics at the University of Florida. Professor Edwards received his B.S. in Mathematics from Stanford University and his Ph.D. in Mathematics from Dartmouth College. He taught mathematics at a university near Bogotá, Colombia, as a Peace Corps volunteer. While teaching at the University of Florida, Professor Edwards has won many teaching awards, including Teacher of the Year in the College of Liberal Arts and Sciences, Liberal Arts and Sciences Student Council Teacher of the Year, and the University of Florida Honors Program Teacher of the Year. He was selected by the Office of Alumni Affairs to be the Distinguished Alumni Professor for 1991-1993. Professor Edwards has taught a variety of mathematics courses at the University of Florida, from first-year calculus to graduate-level classes in algebra and numerical analysis. He has been a frequent speaker at research conferences and meetings of the National Council of Teachers of Mathematics. He has also coauthored a wide range of award winning mathematics textbooks with Professor Ron Larson. "The book covers all topics included in the competencies of calculus 1, 2 and 3 in our institution. That was one of the reasons we adopted it. Even more, the topics associated with method of integration by substitution (sections 5.5-5.8) are better covered than any other book with plenty of examples and exercises, and this is crucial for the students to get a good foundation for calculus 2."

"The students who take the Calculus sequence are science and engineering majors rather than math majors, so the focus on the applied rather than the theoretical approach fits that model of student quite well."

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