University Calculus, Early Transcendentals

John H. Eveson 2014-12-24 Note: You are purchasing a standalone product; MyMathLab does not come packaged with this content. Students who would like to purchase both the physical text and MyMathLab should purchase the package "University Calculus, Early Transcendentals, Books a la Carte Edition," which includes the access card. First published in 2001 by Addison-Wesley, this book is the result of artifacting years of teaching experience and studying the effects of different classroom environments on student learning. This book is the product of many different types of classroom research, including investigations of active learning classrooms. In the introduction, you’ll find a detailed description of the rationale for and the methodology of the research. The results of this research are not only relevant to teaching and learning, but also to the broader field of educational psychology. In this book, you’ll find a comprehensive treatment of calculus, from the basic concepts to the more advanced topics. The book is divided into two parts: Part I, Calculus of a Single Variable, and Part II, Calculus of Several Variables. Part I covers the fundamentals of calculus, including limits, derivatives, integrals, and their applications. Part II covers the calculus of several variables, including vector-valued functions, partial derivatives, multiple integrals, and vector calculus. The book includes a large number of examples and exercises, as well as a variety of visual aids to help you understand the concepts. It also includes a number of computer exercises, which are designed to help you develop your problem-solving skills. This book is intended for students who are taking a first course in calculus, as well as for those who have taken a course in calculus before and want to review the material. It is also suitable for students who are taking a course in calculus as part of a larger mathematics sequence. This book is written in a clear and concise style, with a strong emphasis on intuition and visualization. It is designed to be accessible to students with a wide range of backgrounds, and it includes a number of features to help you succeed in your course. This book is available in both print and electronic formats, and it is also available online at the publisher’s website. The online version includes additional resources, such as video lectures and interactive exercises, which can help you learn the material more effectively. The book is also available in a variety of formats, including hardcover, paperback, and electronic editions. This book has been widely used in universities and colleges around the world, and it has received high praise from both students and instructors. It is an excellent resource for anyone who wants to learn calculus, and it is an excellent choice for a first course in calculus.
Calculus: Early Transcendentals, Global Edition—William L. Briggs 2015-04-24 For a three-semester or four-quarter calculus course covering single variable and multivariable calculus for mathematics, engineering, and science majors. Designed for today's students, this much anticipated second edition of the world's most successful calculus text has been fully updated in the last two decades to retain the best of the first edition while introducing important advances and refinements. This result was achieved by the authors through a careful analysis of the textbook's strengths and weaknesses, extensive feedback from instructors and readers, and by keeping the guide to student's geometric intuition, to introduce fundamental concepts, to lay a foundation for the development that follows. The groundbreaking online eBook contains over 650 Interactive Figures that can be manipulated to shed light on key concepts.

Single Variable Essential Calculus: Early Transcendentals—James Stewart 2012-01-06 This book is for instructors who think that most calculus textbooks are too long. In writing the book, James Stewart asked himself: What is the most important thing that any calculus text should convey to students? Stewart's focus on clarity and precision of presentation and mathematical accuracy, combined with his well-known student-friendly writing style, makes textbooks the best-selling calculus texts in the world because of its problem-solving focus, mathematical precision and accuracy, and outstanding examples and problem sets. Stewart's book is a modern text with a new digital experience. Each Calculus ESSENTIAL CALCULUS, SECOND EDITION, 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 that make them easy to use. Calculus: Early Transcendentals, Sixth Edition, continues the focus on Clarity, Precision and Accuracy, and the incredible examples and problem sets that have made these texts the best selling calculus texts of all time. The review of single variable calculus that is the foundation for the development that follows. The groundbreaking online eBook contains over 650 Interactive Figures that can be manipulated to shed light on key concepts.

Calculus: Early Transcendentals, 8th Edition—Nancy N. Farber 2016-10-24 For a three-semester or four-quarter calculus course covering single variable and multivariable calculus for mathematics, engineering, and science majors. Designed for today's students, this much anticipated second edition of the world's most successful calculus text has been fully updated in the last two decades to retain the best of the first edition while introducing important advances and refinements. This result was achieved by the authors through a careful analysis of the textbook's strengths and weaknesses, extensive feedback from instructors and readers, and by keeping the guide to student's geometric intuition, to introduce fundamental concepts, to lay a foundation for the development that follows. The groundbreaking online eBook contains over 650 Interactive Figures that can be manipulated to shed light on key concepts.

Calculus: Early Transcendentals, 8th Edition—William L. Briggs 2013-12-24 This much anticipated second edition of the most successful new calculus text published in the last two decades retains the best of the first edition while introducing important advances and refinements. Authors Briggs, Cochran, and Gillett build from a foundation of mathematically careful exercise sets, then draw students into the narrative through writing that reflects the voice of the instructor, examples that are stepped out and thoughtfully annotated, and figures that are designed to teach rather than simply supplement the narrative. This book supports the authors' geometric intuition, to introduce fundamental concepts, to lay a foundation for the development that follows. The groundbreaking online eBook contains over 650 Interactive Figures that can be manipulated to shed light on key concepts.

Single Variable Essential Calculus: Early Transcendentals—James Stewart 2011-01-01 James Stewart's CALCULUS texts are widely renowned for their mathematical precision and accuracy, clarity of exposition, and outstanding examples and problem sets. Millions of students have benefited from this comprehensive resources by using Stewart's texts, with the majority reporting that they have improved their grades from using these resources. Stewart's approach is clear and precise, yet accessible. He focuses on embracing the contributions of mathematicians from diverse cultures and civilizations. Concepts and Problem Solving is in the narrative through writing that reflects the voice of the instructor, examples that are stepped out and thoughtfully annotated, and figures that are designed to teach rather than simply supplement the narrative. The authors appeal to students' geometric intuition, to introduce fundamental concepts, to lay a foundation for the development that follows. The groundbreaking online eBook contains over 650 Interactive Figures that can be manipulated to shed light on key concepts.
University Calculus, Early Transcendentals, Books a la Carte Edition - Joel Hass 2011-02-01 This edition features the exact same content as the traditional text in a convenient, three-hole-punched, loose-leaf version. Books a la Carte also offer a great value—this format costs significantly less than a new textbook. University Calculus, Early Transcendentals, Second Edition is the ideal choice for professors who want a streamlined text with plenty of exercises. This text helps students successfully generalize and apply the key ideas of calculus through clear and precise explanations, thoughtfully chosen examples, and superior exercise sets. This text offers the right mix of basic, conceptual, and challenging exercises, along with meaningful applications. This significant revision features more examples, more mid-level exercises, more figures, improved conceptual flow, and the best in technology for learning and teaching.

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