MATHEMATICS & STATISTICS
Learning Solutions from Cengage
CONTENTS

MATHEMATICS

Developmental Mathematics 3
Technical Mathematics 4

Precalculus

Precalculus 4
Algebra 4
Trigonometry 5
Algebra & Trigonometry 5

Calculus

James Stewart 6
Ron Larson and Bruce Edwards 7
Applied Calculus for Business 8
Calculus for Biological Sciences 8
Mathematics for Management and the Sciences 8
Discrete Mathematics 9
Finite Mathematics 9
Mathematics for Engineering 9
Linear Algebra 9
Numerical Analysis and Methods 10
Differential Equations 10
Transition to Advanced Mathematics 10

STATISTICS

Introductory Statistics 11
Engineering 11
Regression Analysis 12
Biostatistics 12
Statistical Computing 12
NEW

**Prealgebra**
6th Edition
Alan S. Tussy, Citrus College
Diane Koenig, Rock Valley College
© 2019 | 1072pp | 9781337615808

Offering a uniquely modern, balanced approach, Prealgebra, 6th Edition, integrates the best of traditional and conceptual approaches with a new ‘Look Alikes’ enhancement. ‘Look Alikes’ help students compare and contrast problem types to understand the correct intent of questions and determine the necessary steps for solution. Emphasizing the “language of algebra,” the text’s fully integrated learning process expands student reasoning abilities and teaches them how to read, write, and think mathematically.

NEW

**Beginning Algebra**
Connecting Concepts through Applications
2nd Edition
Mark Clark, Palomar College
Cynthia Anfinson, Palomar College
© 2019 | 864pp | 9781285429571

In Beginning Algebra, 2nd Edition, concepts become real and vivid as authors Clark and Anfinson draw from real data to show students why and how to apply maths. Through conceptual explorations, skill building, and applications, this approach helps students master concepts and develop problem solving and communication skills. The authors integrate algebraic techniques, graphing, the use of data in tables, and writing sentences to communicate solutions to application problems.

**Introductory Algebra**
5th Edition
Alan S. Tussy, Citrus College
Diane Koenig, Rock Valley College
© 2015 | 864pp | 9781285429571

Combining the best of traditional and reform approaches, Introductory Algebra, 5th Edition, focuses on adequate skill development while emphasizing applications and interpretation of visual data, conceptual development, and problem solving. The text utilizes creative applications, a unique learning system, and an emphasis on the language of algebra.

**Math Study Skills Workbook**
5th Edition
Paul D. Nolting
© 2016 | 144pp | 9781305120822

**Introductory and Intermediate Algebra**
An Applied Approach
6th Edition
Richard N. Aufmann, Palomar College
Joanne S. Lockwood, Nashua Community College
© 2014 | 928pp | 9781133365419

Introductory and Intermediate Algebra, 6th Edition focuses on the Aufmann Interactive Method (AIM). Students are encouraged to be active participants in the classroom and in their own studies as they work through the How To examples and the paired Examples and You Try It problems. New features like Focus on Success, Apply the Concept, and Concept Check add an increased emphasis on study skills and conceptual understanding to strengthen the foundation of student success. The Sixth Edition also features a new design, enhancing the Aufmann Interactive Method and making the pages easier for both students and instructors to follow.

**Functions and Change**
A Modeling Approach to College Algebra
6th Edition
Bruce Crauder, Oklahoma State University
Benny Evans, Oklahoma State University
Alan Noell, Oklahoma State University
© 2017 | 576pp | 9781337111348

Functions and Change, 6th Edition, is ideal for both non-math and science majors, as well as students who may continue onto calculus. With an emphasis on business applications, this book helps students connect maths in the real world, master the material, and hone critical thinking skills. The authors incorporate graphing utilities, functions, modeling, real data, applications and projects to develop key skills and give students the practice they need to not only master basic mathematics, but also to apply it in future courses and, ultimately, their career.

**Elementary Geometry for College Students**
6th Edition
Daniel C. Alexander, Parkland College
Geraldyn M. Koebel, Mahomet-Seymour High School
© 2015 | 624pp | 9781285195698

This Sixth Edition explores the important principles and real-world applications of plane, coordinate, and solid geometry. Strongly influenced by both NCTM and AMATYC standards, the text includes intuitive, inductive, and deductive experiences in its explorations. Updates in this edition include the addition of 150 new problems, new applications, new Discover! activities and examples and additional material on select topics such as parabolas and a Three-Dimensional Coordinate System.
NEW
Elementary Technical Mathematics
12th Edition
Dale Ewen, Parkland College
© 2019 | 9781337630580
In Elementary Technical Mathematics, author Dale Ewen focuses on fundamental concepts in basic arithmetic: the metric system and measurement, algebra, geometry, trigonometry and statistics. Thousands of examples, exercises and applications cover such fields as industrial and construction trades, electronics, agriculture/horticulture, allied health, CAD/drafting, HVAC, welding, auto/diesel service, aviation, natural resources, culinary arts and business/personal finance—to engage students and provide them with the maths background they need to succeed in future courses and careers.

AVAILABLE WITH WEBASSIGN
Precalculus
Mathematics for Calculus
James Stewart, McMaster University
Lothar Redlin, Pennsylvania State University
Saleem Watson, California State University
© 2017 | 1024pp | 9781305999985
With its clear and simple writing style, Precalculus, 7th Edition, gives students a solid foundation in the principles of mathematical thinking. Problem solving and mathematical modeling are reinforced throughout. This comprehensive, evenly paced book provides complete coverage of the function concept and integrates substantial graphing calculator materials that help students develop insight into mathematical ideas.

AVAILABLE WITH WEBASSIGN
Precalculus
International Metric Edition, 10th Edition
Ron Larson, The Pennsylvania State University
© 2018 | 976pp | 9781337685191
Larson’s Precalculus is known for sound, consistently structured explanations of mathematical concepts and exercises to expertly prepare students for calculus. With the Tenth Edition, the author continues to revolutionize the way students learn by incorporating more real-world applications and innovative technology. It includes How Do You See It? exercises that let students practice applying concepts and Summarize and Checkpoint questions to reinforce students’ understanding.

AVAILABLE WITH WEBASSIGN
Precalculus with Limits
4th Edition
Ron Larson, The Pennsylvania State University
© 2018 | 9781337271189
Larson’s Precalculus with Limits is known for delivering the same sound explanations and exercises as his core Precalculus text, with a concentrated focus on preparation for calculus. It provides a brief algebra review of core topics, coverage of analytic geometry in three dimensions and an introduction to concepts covered in calculus.

Introductory Technical Mathematics
John Peterson, Chattanooga State Technical Community College
Robert D. Smith, Chattanooga State Technical Community College
© 2013 | 888pp | 9781111542016
With an emphasis on real-world math applications, the Sixth Edition of Introductory Technical Mathematics provides readers with current and practical technical math applications for today’s sophisticated trade and technical work environments. Straightforward and easy to understand, this hands-on book helps readers build a solid understanding of math concepts through step-by-step examples and problems drawn from various occupations.

ALGEBRA
AVAILABLE WITH WEBASSIGN
College Algebra
10th Edition
Ron Larson, The Pennsylvania State University
© 2018 | 9781337282291
Larson’s College Algebra, 10th Edition is known for delivering sound explanations of mathematical concepts and carefully selected exercises to prepare students for further study in mathematics. With the Tenth Edition, Larson continues to transform the way students learn by including more real-world applications, ongoing review, and technology.

AVAILABLE WITH WEBASSIGN
College Algebra
7th Edition
James Stewart, McMaster University
Lothar Redlin, Pennsylvania State University
Saleem Watson, California State University
© 2016 | 832pp | 9781305115545
Do your students attempt to memorize facts and mimic examples to make it through algebra? James Stewart, author of the worldwide, best sellers in calculus, saw this scenario time and again in his classes. Along with longtime coauthors Lothar Redlin and Saleem Watson, he wrote College Algebra specifically to help students learn to think mathematically and to develop genuine problem-solving skills. Incorporating technology, real-world applications, and useful pedagogy, the seventh edition promises to help more students than ever build conceptual understanding and a core of fundamental skills.
Available with WebAssign

Trigonometry
10th Edition
Ron Larson, The Pennsylvania State University
© 2018 | 9781337278461

Larson’s Trigonometry incorporates real-world applications, ongoing review, and innovative technology. It includes How Do You See It? exercises to help students practice applying the concepts, and new Summarize features and Checkpoint problems that reinforce understanding of the skill sets to help students better prepare for tests.

Available with WebAssign

Trigonometry
2nd Edition
James Stewart, McMaster University
Lothar Redlin, Pennsylvania State University
Saleem Watson, California State University
© 2013 | 624pp | 9781111951777

Available with WebAssign

Algebra & Trigonometry
10th Edition
Ron Larson, The Pennsylvania State University
© 2018 | 9781337277846

Larson’s Algebra and Trigonometry is ideal for a two-term course and known for delivering sound, consistently structured explanations and carefully written exercises. It includes How Do You See It? exercises that give students practice applying the concepts and Summarize and Checkpoint questions to reinforce understanding of skills.

Available with WebAssign

Algebra and Trigonometry
4th Edition
James Stewart, McMaster University
Lothar Redlin, Pennsylvania State University
Saleem Watson, California State University
© 2016 | 1136pp | 9781305652224

This bestselling author team explains concepts simply and clearly, without glossing over difficult points. Problem solving and mathematical modeling are introduced early and reinforced throughout, providing students with a solid foundation in the principles of mathematical thinking. Comprehensive and evenly paced, the book provides complete coverage of the function concept, and integrates a significant amount of graphing calculator material to help students develop insight into mathematical ideas.

Available with WebAssign

Algebra and Trigonometry
8th Edition
Richard N. Aufmann, Palomar College
Richard D. Nation, Palomar College
© 2015 | 1088pp | 9781285449425

Accessible to students and flexible for instructors, Algebra and Trigonometry, 8th Edition incorporates the dynamic link between concepts and applications to bring mathematics to life. By integrating interactive learning techniques, the Aufmann author team helps students to better understand concepts, work independently, and obtain greater mathematical fluency. The text also includes technology features to accommodate courses that allow the option of using graphing calculators. In the eighth edition, Review Notes are featured more prominently throughout the text to help students recognize the key prerequisite skills needed to understand new concepts.
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 worldwide have explored calculus through Stewart’s trademark style, while instructors have turned to his approach time and time again.

The Eighth Metric Editions feature carefully revised content alongside the patient explanations, superb exercises, focus on problem solving, and carefully graded problem sets that have made Stewart’s texts best-sellers.

**KEY FEATURES**

- Fascinating projects engage students and teach them the real-world applications of Calculus, for example ‘The Speedo LZR Racer Suit’ looks at how reducing drag in the water can break swimming records
- Includes more than 8,000 quality exercises that progress from skill-development problems to more challenging problems involving applications and proofs to encourage students to develop and apply their skills
- Comprehensive review sections follow each chapter and further support conceptual understanding. A “Concept Check” and “True/False Quiz” allow students to prepare for upcoming tests through ideas and skill-building.
- Available with WebAssign

Accompanying Student Solutions Manuals and Study Guides are also available for Stewart's Calculus textbooks. Please contact your local Cengage representative for more information.

**ABOUT THE AUTHOR**

**James Stewart**

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 best-selling calculus textbook series published by Cengage, including *Calculus, Calculus: Early Transcendentals*, and *Calculus: Concepts And Contexts*, as well as a series of precalculus texts.
CALCULUS BY RON LARSON AND BRUCE EDWARDS

With a clear, effective design and a wealth of exercises to help students hone their skills, the new metric editions of Larson and Edwards’ Calculus textbooks address the needs of a broad range of teaching and learning styles. The student-focused pedagogy, complimented by online tools and resources, supports students in developing a comprehensive understanding of Calculus concepts and how to apply them, with real-life exercises to reinforce their problem-solving skills.

KEY FEATURES

- How Do You See It? exercises in each section present a problem that students solve by visual inspection using the concepts learned in the lesson.

- Hints and tips are included to reinforce or expand upon concepts, help students learn how to study mathematics, caution them against common errors, address special cases, or show alternative or additional steps to a solution of an example.

- Comprehensive question sets include multi-step, real-life exercises that reinforce problem-solving skills and mastery of concepts by giving students the opportunity to apply the concepts in real-life situations.

- LarsonCalculus.com – The authors created a free companion website offering many valuable resources, including videos, interactive examples and rotatable graphs.

- Available with WebAssign

ABOUT THE AUTHORS

Ron Larson
Dr. Ron Larson is a professor of mathematics at The Pennsylvania State University, where he has taught since 1970 and is considered the pioneer of using multimedia to enhance the learning of mathematics, having authored over 30 software titles since 1990. He has also received numerous awards for his various Calculus textbooks.

Bruce H. Edwards
Dr. Bruce H. Edwards is Professor of Mathematics at the University of Florida. 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 and the University of Florida Honors Program Teacher of the Year.
APPLIED CALCULUS FOR BUSINESS

AVAILABLE WITH WEBASSIGN

Calculus
An Applied Approach
International Metric Edition
10th Edition
Ron Larson, The Pennsylvania State University
© 2017 | 664pp | 9781337290562

Calculus is designed specifically for business, economics, and life/social sciences courses. It motivates students while fostering understanding and mastery. The book emphasizes integrated and engaging applications that show the real-world relevance of topics and concepts with applied problems drawn from industry, current events, and other disciplines to provide well-rounded examples that appeal to diverse interests. The Tenth Edition builds upon its applications emphasis through updated exercises and relevant examples. Throughout the text, features such as algebra review and study tips provide students with extra guidance and practice. Stepped-out solution videos with instruction are available at CalcView.com for selected exercises throughout the text. Additionally, the companion website, LarsonAppliedCalculus.com, offers free access to multiple tools and resources.

ALSO AVAILABLE

Calculus
An Applied Approach, Brief
International Metric Edition
10th Edition
Ron Larson, The Pennsylvania State University
© 2017 | 640pp | 9781337290579

CALCULUS FOR BIOLOGICAL SCIENCES

INCLUDES ADDITIONAL CHAPTERS ON PROBABILITY AND STATISTICS

AVAILABLE WITH WEBASSIGN

Biocalculus
Calculus, Probability, and Statistics for the Life Sciences
James Stewart, McMaster University
Troy Day, Queens' University
© 2016 | 1032pp | 9781305114036

This book shows students how calculus relates to biology, with additional coverage of probability and statistics. The text motivates and illustrates the topics of calculus with examples drawn from many areas of biology, including genetics, biomechanics, medicine, pharmacology, physiology, ecology, epidemiology, and evolution, to name a few. Particular attention has been paid to ensuring that all applications of the mathematics are genuine, and references to the primary biological literature for many of these have been provided so that students and instructors can explore the applications in greater depth. Although the focus is on the interface between mathematics and the life sciences, the logical structure of the book is motivated by the mathematical material. Students will come away with a sound knowledge of mathematics, an understanding of the importance of mathematical arguments, and a clear understanding of how these mathematical concepts and techniques are central in the life sciences.

AVAILABLE WITH WEBASSIGN

Biocalculus
Calculus for Life Sciences
James Stewart, McMaster University
Troy Day, Queens' University
© 2015 | 900pp | 9781133109631

MATHEMATICS FOR MANAGEMENT AND THE SCIENCES

NEW

Mathematical Applications for the Management, Life, and Social Sciences
12th Edition
Ronald J. Harshbarger, University of South Carolina
James J. Reynolds, Clarion University
© 2019 | 9781337625340

Mathematical Applications For The Management, Life, And Social Sciences, 12th Edition, helps students succeed in finite mathematics and applied calculus courses by tying the concepts to real-life applications using real, meaningful data. Designed for students in business, economics, life sciences and social sciences, the book offers a brief review of algebra to prepare students with different backgrounds for the material in later chapters. Chapter Warm-ups review the prerequisite topics for each chapter, and Checkpoints ask questions and pose problems within each section’s discussion—allowing students to check their understanding of skills and concepts before moving to the next chapter. Use of technology is integrated into the text, and optional modeling problems are discussed.
Discrete Mathematics

Available with WebAssign

Discrete Mathematics with Applications
Susanna S. Epp, DePaul University
© 2011 | 984pp | 9780495826163

Discrete Mathematics With Applications, 4th Edition, provides a clear introduction to discrete mathematics. Renowned for her lucid, accessible prose, Epp explains complex, abstract concepts with clarity and precision. This book presents not only the major themes of discrete mathematics, but also the reasoning that underlies mathematical thought. Students develop the ability to think abstractly as they study the ideas of logic and proof.

Available with WebAssign

Finite Mathematics
7th Edition
Stefan Waner, Hofstra University
Steven Costenoble, Hofstra University
© 2018 | 9781337280426

Full of relevant, diverse, and current real-world applications that students can relate to, Waner and Costenoble’s Finite Mathematics, Seventh Edition, helps your students see the relevance of mathematics in their lives. A large number of the applications are based on real, referenced data from business, economics, and the life and social sciences. Thorough, clearly delineated spreadsheet and TI Graphing Calculator instruction appears throughout the text, supplemented by an acclaimed author website that provides interactive tutorials, powerful utilities, conceptualization tools, review, and practice.

Mathematics for Engineering

Advanced Engineering Mathematics
SI Edition
8th Edition
Peter V. O’Neill, University of Alabama, Birmingham
© 2018 | 1024pp | 9781337274524

Advanced Engineering Mathematics, SI Edition is written specifically for students who are primarily interested in how to effectively apply mathematical techniques to solve advanced engineering problems. Numerous examples include illustrations of mathematical techniques as well as applications. A “Math in Context” feature clearly demonstrates how the mathematical concepts and methods students are learning relate to current engineering problems. The book is organized into seven distinctive parts to provide precise focus on the individual mathematical ideas and methods. A student solutions manual offers detailed solutions to half of the problems in the book for students to check their progress.

Linear Algebra

Available with WebAssign

Elementary Linear Algebra
International Metric Edition
8th Edition
Ron Larson, The Pennsylvania State University
© 2017 | 592pp | 9781337556217

This book’s clear, careful, and concise presentation of material helps students fully understand how mathematics works. The author balances theory with examples, applications, and geometric intuition for a complete, step-by-step learning system. To engage your students in the material, a new design highlights the relevance of the mathematics and makes the book easier to read. Data and applications reflect current statistics and examples, demonstrating the link between theory and practice.

Available with WebAssign

Linear Algebra
A Modern Introduction
4th Edition
David Poole, Trent University
© 2015 | 720pp | 9781285463247

David Poole’s innovative Linear Algebra: A Modern Introduction emphasizes a vectors approach and better prepares students to make the transition from computational to theoretical mathematics. Balancing theory and applications, the book is written in a conversational style and combines a traditional presentation with a focus on student-centered learning. Additionally, it features ample applications drawn from a variety of disciplines, which reinforce the fact that linear algebra is a valuable tool for modeling real-life problems.

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NUMERICAL ANALYSIS AND METHODS

Numerical Analysis
10th Edition
Richard L. Burden, Youngstown State University
J. Douglas Faires, Youngstown State University
Annette M. Burden, Youngstown State University
© 2016 | 912pp | 9781305253667

This well-respected book introduces readers to the theory and application of modern numerical approximation techniques. Providing an accessible treatment that only requires a calculus prerequisite, the authors explain how, why, and when approximation techniques can be expected to work—and why, in some situations, they fail. A wealth of examples and exercises develop students’ intuition, and demonstrate the subject’s practical applications to important everyday problems in maths, computing, engineering, and physical science disciplines. Three decades after it was first published, Burden, Faires, and Burden’s Numerical Analysis remains the definitive introduction to a vital and practical subject.

DIFFERENTIAL EQUATIONS

A FIRST COURSE

A First Course in Differential Equations with Modeling Applications
International Metric Edition
11th Edition
Dennis G. Zill, Loyola Marymount University
© 2018 | 480pp | 9781337556644

This Metric Edition of A First Course in Differential Equations with Modeling Applications features a new design that helps students quickly identify resources in the text and emphasizes the application of differential equations in the world around them. Through clear and concise explanations, a wealth of examples, and exercises that reinforce and build on chapter content it offers a thorough overview of the topics taught in a first course in differential equations.

WITH BOUNDARY-VALUE PROBLEMS

Differential Equations with Boundary-Value Problems
International Metric Edition
9th Edition
Dennis G. Zill, Loyola Marymount University
© 2018 | 664pp | 9781337559881

Differential Equations with Boundary-Value Problems strikes a balance between the analytical, qualitative, and quantitative approaches to the study of Differential Equations. With the new, student-friendly design of the First Course book, it offers clear, accessible coverage as well as an introduction to boundary-value problems and partial differential equations. It offers a variety of pedagogical features to support students’ study including plenty of examples, explanations, “Remarks” boxes, and definitions.

TRANSITION TO ADVANCED MATHEMATICS

A Transition to Advanced Mathematics
8th Edition
Stefan Waner, Hofstra University
Steven Costenoble, Hofstra University
© 2015 | 448pp | 9781285463261

A Transition To Advanced Mathematics helps students to bridge the gap between calculus and advanced math courses. It provides a firm foundation in major concepts needed for continued study and guides students to think and express themselves mathematically—to analyze a situation, extract pertinent facts, and draw appropriate conclusions. The authors present introductions to modern algebra and analysis and place continuous emphasis throughout on improving students’ ability to read and write proofs, and on developing their critical awareness for spotting common errors in proofs. Concepts are clearly explained and supported with detailed examples, while abundant and diverse exercises provide thorough practice on both routine and more challenging problems. Students will come away with a solid intuition for the types of mathematical reasoning they’ll need to apply in later courses and a better understanding of how mathematicians of all kinds approach and solve problems.
Understanding Basic Statistics

International Metric Edition
8th Edition
Charles Henry Brase, Regis University
Corrinne Pellillo Brase, Arapahoe Community College
© 2019 | 672pp | 9781337782180

Understanding Basic Statistics, International Metric Edition provides a streamlined and effective way to teach the essentials of statistics, including early coverage of regression. It provides plenty of guidance as it demonstrates the links between statistics and the real world with a reader-friendly approach to help students grasp core statistics concepts. A wealth of dynamic content including simulation questions, labs, projects, videos and more are available in the accompanying WebAssign to provide a complete course to teach students to think statistically.

Introduction to Statistics and Data Analysis

(with JMP Printed Access Card)
5th Edition
Roxy Peck, California Polytechnic State University
Chris Olsen, Grinnell College
Jay L. Devore, California Polytechnic State University
© 2016 | 844pp | 9781305649835

Introduction To Statistics And Data Analysis introduces students to the study of statistics and data analysis by using real data and attention-grabbing examples. The authors guide the reader through an intuition-based learning process that stresses interpretation and communication of statistical information. Simple notation—including frequent substitution of words for symbols—helps students grasp concepts and cement their comprehension. You'll also find coverage of most major technologies as a problem-solving tool, plus hands-on activities in each chapter that allow your class to practice statistics firsthand.

An Introduction to Statistical Methods and Data Analysis

7th Edition
R. Lyman Ott
Michael T. Longnecker, Texas A&M University
© 2016 | 1296pp | 9781305269477

Ott and Longnecker’s An Introduction To Statistical Methods And Data Analysis, 7th Edition, provides a broad overview of statistical methods for advanced undergraduate and graduate students from a variety of disciplines who have little or no prior course work in statistics. The authors teach students to solve problems encountered in research projects, to make decisions based on data in general settings both within and beyond the university setting, and to become critical readers of statistical analyses in research papers and news reports. The first eleven chapters present material typically covered in an introductory statistics course, as well as case studies and examples that are often encountered in undergraduate capstone courses. The remaining chapters cover regression modeling and design of experiments.

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REGRESSION ANALYSIS

Available with WebAssign

Probability and Statistics for Engineering and the Sciences
International Metric Edition
9th Edition
Jay L. Devore, California Polytechnic State University
© 2016 | 768pp | 9781337094269

Put statistical theories into practice with Probability And Statistics For Engineering And The Sciences. This calculus-based book offers a comprehensive introduction to probability and statistics while demonstrating how to apply concepts, models, and methodologies in today's engineering and scientific workplaces. Jay Devore, an award-winning professor and internationally recognized author and statistician, stresses lively examples and engineering activities to drive home the numbers without exhaustive mathematical development and derivations. Many examples, practice problems, sample tests, and simulations based on real data and issues help students build a more intuitive connection to the material. This book also includes graphics and screen shots from SAS®, MINITAB®, and Java™ Applets to give a solid perspective of statistics in action.

Applied Regression Analysis and Other Multivariable Methods
5th Edition
David G. Kleinbaum, Emory University
Lawrence L. Kupper, University of North Carolina
Azhar Nizam, Emory University
Eli S. Rosenberg, Emory University
© 2014 | 1072pp | 9781285051086

This text offers a practical approach to regression-analysis methods that students will find applicable to real-life problems.

ENGINEERING

Applied Statistics for Engineers and Scientists
3rd Edition
Jay L. Devore, California Polytechnic State University
Nicholas R. Farnum, California State University
Jimmy A. Doi, California Polytechnic State University
© 2014 | 656pp | 9781337348923

This concise book for engineering and sciences students emphasizes modern statistical methodology and data analysis. Applied Statistics for Engineers and Scientists is ideal for one-term courses that cover probability only to the extent that it is needed for inference. The authors emphasize application of methods to real problems, with real examples throughout.

BIOSTATISTICS

Fundamentals of Biostatistics
8th Edition
Bernard Rosner, Harvard University and Harvard Medical School
© 2016 | 888pp | 9781305268920

Fundamentals Of Biostatistics is a practical introduction to the methods, techniques, and computation of statistics with human subjects. It prepares students for their future courses and careers by introducing the statistical methods most often used in medical literature. Every new concept is developed systematically through completely worked out examples from current medical research problems.

STATISTICAL COMPUTING

Statistics with STATA
Version 12
8th Edition
Lawrence C. Hamilton, University of New Hampshire
© 2013 | 496pp | 9780840064639

Request your inspection copies and a WebAssign demo by visiting cengage.co.uk/education
WebAssign is an online learning solution that helps students to learn Mathematics, not just do homework.

Instant feedback, tutorials, study plans and practice tools give students the support they need to learn when they need it.

Thousands of auto-graded problems, powerful analytics and complete flexibility allows you to easily create and schedule assignments and monitor student progress.

WebAssign for Calculus titles also includes cutting-edge dynamic content tailored to your course, including simulations, engaging Explore It modules and brand new animations that guide students through Calculus concepts.

Explore It modules put Calculus into context, allowing students to investigate complex topics through interactive simulations, video content and real-life examples. Written in HTML5 they are accessible on any device.

Integrated animations of figures from the text help students to develop their understanding through visualising key concepts.

Find out more at cengage.co.uk/webassign