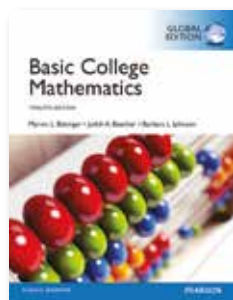


# Mathematics & Statistics

## Precalculus / Precollege Maths



### Basic College Mathematics, 12e

Marvin L. Bittinger  
& Judith A. Penna

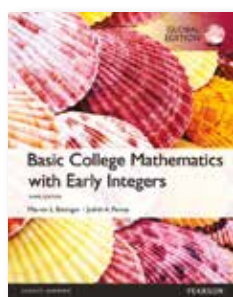
9781292057699 • ©2014  
744pp • Paperback • £60.99

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**Course:** Basic Mathematics

The Bittinger Worktext Series recognizes that math hasn't changed, but students – and the way they learn math – have. This latest edition continues the Bittinger tradition of objective-based, guided learning, while also integrating timely updates to the proven pedagogy. This edition has a greater emphasis on guided learning and helping students get the most out of all of the resources available, including new mobile learning resources, whether in a traditional lecture, hybrid, lab-based, or online course.



### Basic College Mathematics with Early Integers, 3e

Marvin L. Bittinger  
& Judith A. Penna

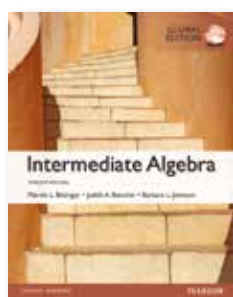
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eBook: 9781292058313 • £52.00

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### Beginning Algebra, 8e

John Jr Tobey, Jr., Jeffrey Slater,  
Jamie Blair & Jennifer Crawford

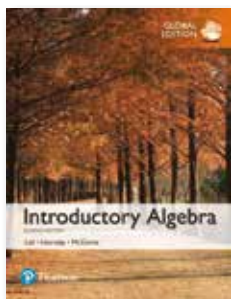
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The Tobey/Slater/Blair/Crawford series builds essential skills one at a time by breaking the mathematics down into manageable pieces. This practical building block organization makes it easy for students to understand each topic and gain confidence as they move through each section. Students will find many opportunities to check and reinforce their understanding of concepts throughout the text.



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Margaret Lial, John Hornsby  
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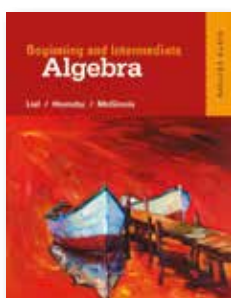
eBook: 9781292055718 • £52.00

**Available with MyLab Math**

Package: 9781447968733 • £71.15

**Course:** Beginning & Intermediate Algebra  
(Combined Books)

The Tobey/Slater/Blair/Crawford series builds essential skills one at a time by breaking the mathematics down into manageable pieces. This practical building block organization makes it easy for students to understand each topic and gain confidence as they move through each section. Students will find many opportunities to check and reinforce their understanding of concepts throughout the text and its MyLab Math course.



## Beginning and Intermediate Algebra, 6e

Margaret L. Lial, John Hornsby  
& Terry McGinnis

9780321969163 • ©2015  
936pp • Hardback • £174.99

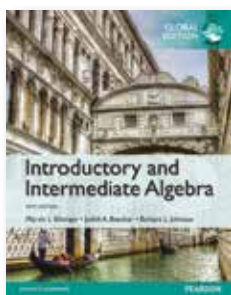
**Available with MyLab Math**

Package: TBC • £TBC

**Course:** Beginning & Intermediate Algebra  
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**Title available on demand**



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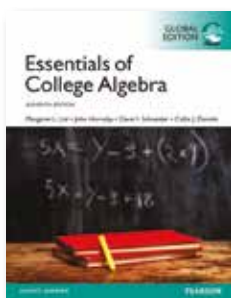
eBook: 9781292080017 • £52.00

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## Essentials of College Algebra, 11e

Margaret Lial, John Hornsby,  
David Schneider & Callie Daniels

9781292075808 • ©2014  
672pp • Paperback • £60.99

eBook: 9781292075815 • £49.00

**Available with MyLab Math**

Package: 9781292243689 • £75.59

**Course:** College Algebra

*Essentials of College Algebra* develops both the conceptual understanding and the analytical skills necessary for success in mathematics. With the Eleventh Edition, the authors have adapted and updated the program for the evolving student, New co-author Callie Daniels brings her experience with traditional, hybrid, and online courses, to create a suite of resources to support today's learners.





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Michael Sullivan

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808pp • Paperback • £63.99

eBook: 9781292055596 • £52.00

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**Course:** College Algebra

Mike Sullivan's time-tested approach focuses students on the fundamental skills they need for the course: preparing for class, practicing with homework, and reviewing the concepts. In the Ninth Edition, *College Algebra* has evolved to meet today's course needs, building on these hallmarks by integrating projects and other interactive learning tools for use in the classroom or online.



## College Algebra, 6e

Robert F. Blitzer

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eBook: 9781292052021 • £52.00

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Package: 9781447968030 • £71.92

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## Algebra and Trigonometry, 5e

Robert F. Blitzer

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## Algebra and Trigonometry, 4e

Judith A. Beecher, Judith A. Penna & Marvin L. Bittinger

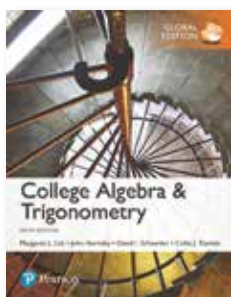
9781292040202 • ©2013  
1008pp • Paperback • £63.99

eBook: 9781292051901 • £52.00

**Available with MyLab Math**  
Package: TBC • £TBC

**Course:** Algebra and Trigonometry

Beecher, Penna, and Bittinger's *Algebra and Trigonometry* is known for enabling students to see the math through its focus on visualization and early introduction to functions. With the Fourth Edition, the authors continue to innovate by incorporating more ongoing review to help students develop their understanding and study effectively.



## College Algebra and Trigonometry, 6e

Margaret L. Lial, John Hornsby, David I. Schneider & Callie Daniels

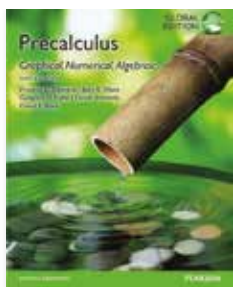
9781292151953 • ©2017  
1200pp • Paperback • £60.99

eBook: 9781292151977 • £49.00

**Available with MyLab Math**  
Package: 9781292152073 • £70.49

**Course:** Algebra and Trigonometry

The College Algebra series, by Lial, Hornsby, Schneider, and Daniels, combines the experience of master teachers to help students develop both the conceptual understanding and the analytical skills necessary for success in mathematics. With this latest edition, the authors respond to the challenges of new student expectations and new classroom models.



## Precalculus: Graphical, Numerical, Algebraic, 9e

Franklin Demana, Bert K. Waits, Gregory D. Foley, Daniel Kennedy & Dave Bock

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1000pp • Paperback • £63.99

eBook: 9781292079462 • £52.00

**Available with MyLab Math**  
Package: 9781292243641 • £127.52

**Course:** Precalculus Mathematics

*Precalculus: Graphical, Numerical, Algebraic* – by the nationally recognized author team of Demana, Waits, Foley, Kennedy, and Bock – is the leading choice for graphing-intensive courses. Now in its Ninth Edition, this bestseller offers extremely accessible writing and exercises, a balanced approach to problem solving, the most appropriate use of technology, and an easier and more consistent transition from Precalculus to Calculus.



## Precalculus: Functions and Graphs, 4e

Mark Dugopolski

9781292039848 • ©2013  
888pp • Paperback • £63.99

eBook: 9781292052748 • £52.00

**Available with MyLab Math**  
Package: 9781447968115 • £71.92

**Course:** Precalculus Mathematics

Dugopolski's *Precalculus: Functions and Graphs* gives students the essential strategies they need to make the transition to calculus. The author's emphasis on problem solving and critical thinking is enhanced by the addition of 900 exercises including new vocabulary and cumulative review problems. Students will find carefully placed learning aids and review tools to help them learn the math without getting distracted. Along the way, students see how the algebra connects to their future calculus courses, with tools like Foreshadowing Calculus and Concepts of Calculus.



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Robert F. Blitzer

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1224pp • Paperback • £63.99

eBook: 9781292035635 • £52.00

**Available with MyLab Math**  
Package: TBC • £TBC

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Bob Blitzer has inspired thousands of students with his engaging approach to mathematics, making this beloved series the #1 in the market. Blitzer draws on his unique background in mathematics and behavioral science to present the full scope of mathematics with vivid applications in real-life situations. Students stay engaged because Blitzer often uses pop-culture and up-to-date references to connect math to students' lives, showing that their world is profoundly mathematical.



## Trigonometry, 3e

Mark Dugopolski

9781292027746 • ©2013  
412pp • Paperback • £58.99

eBook: 9781292052731 • £47.99

**Available with MyLab Math**  
Package: 9781447968122 • £68.99

**Course:** Plane Trigonometry

Dugopolski's *Trigonometry* gives students the essential strategies to help them develop the comprehension and confidence they need to be successful in this course. Students will find enough carefully placed learning aids and review tools to help them do the math without getting distracted from their objectives. Regardless of their goals beyond the course, all students will benefit from Dugopolski's emphasis on problem solving and critical thinking, which is enhanced by the addition of nearly 1,000 exercises in this edition.



## Trigonometry, 10e

Margaret Lial, John Hornsby, David I. Schneider & Callie Daniels

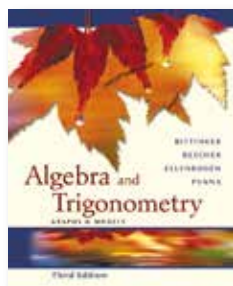
9781292023601 • ©2013  
520pp • Paperback • £70.99

eBook: 9781292036762 • £56.99

**Available with MyLab Math**  
Package: 9781447964599 • £72.99

**Course:** Plane Trigonometry

*Trigonometry* by Lial, Hornsby, Schneider, and Daniels, engages and supports students in the learning process by developing both the conceptual understanding and the analytical skills necessary for success in mathematics. With the Tenth Edition, the authors recognize that students are learning in new ways, and that the classroom is evolving. The Lial team is now offering a new suite of resources to support today's instructors and students.



## Algebra and Trigonometry: Graphs and Models, 3e

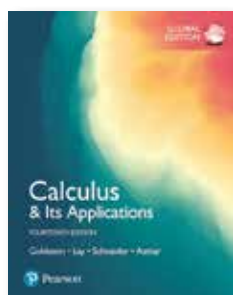
Marvin L. Bittinger,  
Judith A. Beecher,  
David J. Ellenbogen  
& Judith A. Penna

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1056pp • Hardback • £39.99

**Course:** Algebra / Trig with Graphing Calculators

With a visual, graphical approach that emphasizes connections among concepts, this text helps students make the most of their study time. The authors show how different mathematical ideas are tied together through their zeros, solutions, and x-intercepts theme; side-by-side algebraic and graphical solutions; calculator screens; and examples and exercises. By continually reinforcing the connections among various mathematical concepts as well as different solution methods, the authors lead students to the ultimate goal of mastery and success in class.

## Applied Maths



## Calculus & Its Applications, 14e

Larry J. Goldstein, David Lay,  
Nakhle I Asmar &  
David I. Schneider

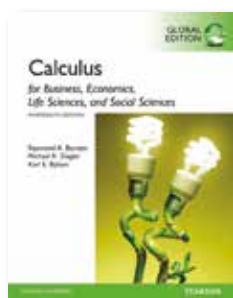
9781292229041 • ©2019  
664pp • Paperback • £57.99

eBook: 9781292035666 • ETBC

**Available with MyLab Math**  
Package: 9781292229164 • £69.00

**Course:** Applied Calculus

A comprehensive, yet flexible, text for students majoring in business, economics, life science, or social sciences. The authors delve into greater mathematical depth than other texts while motivating students through relevant, up-to-date, applications drawn from students' major fields of study. The authors motivate key ideas geometrically and intuitively, providing a solid foundation for the more abstract treatments that follow. This new edition features updated exercises, applications, and technology coverage, presenting calculus in an intuitive yet intellectually satisfying way.



## Calculus for Business, Economics, Life Sciences and Social Sciences, 13e

Raymond A. Barnett,  
Michael R. Ziegler & Karl E. Byleen

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640pp • Paperback • £56.99

eBook: 9781292073583 • £46.00

**Available with MyLab Math**  
Package: 9781292243597 • £106.29

**Course:** Applied Calculus

Barnett/Ziegler/Byleen is designed to help students help themselves succeed in the course. This text offers more built-in guidance than any other on the market – with special emphasis on prerequisites skills – and a host of student-friendly features to help students catch up or learn on their own.

**New edition coming in 2019**



## Basic Technical Mathematics with Calculus, 10e

Allyn J. Washington

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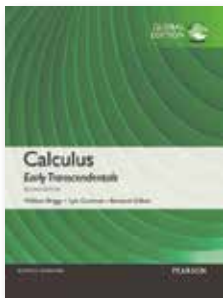
**Available with MyLab Math**  
Package: TBC • ETBC

**Course:** Technical Mathematics

This tried-and-true text from Allyn Washington preserves the author's highly regarded approach to technical math, while enhancing the integration of technology. Appropriate for a one- to two-semester course, *Basic Technicals Mathematics with Calculus* shows how algebra and trigonometry are used on the job. It addresses a vast number of technologies including aeronautics, construction, energy, environmental, electronics, computer design, automotive, fire science and more!



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William L. Briggs, Lyle Cochran & Bernard Gillett

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eBook: 9781292062556 • £49.00

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**Course:** Calculus

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 meticulously crafted 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.



### Thomas' Calculus in SI Units, 14e

George B. Thomas, Maurice D. Weir & Joel R. Hass

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**Course:** Calculus

*Thomas' Calculus* helps students reach the level of mathematical proficiency and maturity you require, but with support for students who need it through its balance of clear and intuitive explanations, current applications, and generalized concepts. In this edition, new co-author Christopher Heil (Georgia Institute of Technology) partners with author Joel Hass to preserve what is best about Thomas' time-tested text while reconsidering every word and every piece of art with today's students in mind. The result is a text that goes beyond memorizing formulas and routine procedures to help students generalize key concepts and develop deeper understanding.



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C. Henry Edwards & David E. Penney

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eBook: 9781292052809 • £46.00

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Acclaimed authors Edwards and Penney combine core topics in elementary differential equations with those concepts and methods of elementary linear algebra needed for a contemporary combined introduction to differential equations and linear algebra. Known for its real-world applications and its blend of algebraic and geometric approaches, this text discusses mathematical modeling of real-world phenomena, with a fresh new computational and qualitative flavor evident throughout in figures, examples, problems, and applications.



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This complete introduction to both differential equations and linear algebra presents a carefully balanced and sound integration of the two topics. It promotes in-depth understanding rather than rote memorization, enabling students to fully comprehend abstract concepts and leave the course with a solid foundation in linear algebra. Flexible in format, it explains concepts clearly and logically with an abundance of examples and illustrations, without sacrificing level or rigor.



## Linear Algebra with Applications, 5e

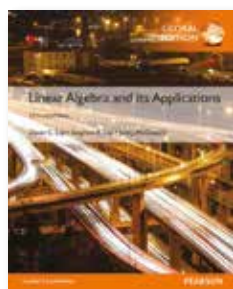
Otto Bretscher

9781292022147 • ©2013  
464pp • Paperback • £54.99

eBook: 9781292035345 • £43.99

**Course:** Introductory Linear Algebra

Offering the most geometric presentation available, *Linear Algebra with Applications* emphasizes linear transformations as a unifying theme. This elegant textbook combines a user-friendly presentation with straightforward, lucid language to clarify and organize the techniques and applications of linear algebra. Exercises and examples make up the heart of the text, with abstract exposition kept to a minimum.



## Linear Algebra and Its Applications, 5e

David C. Lay, Steven R. Lay  
& Judi J. McDonald

9781292092232 • ©2015  
576pp • Paperback • £60.99

eBook: 9781292092249 • £49.00

**Available with MyLab Math**  
Package: 9781292243610 • £68.99

**Course:** Introductory Linear Algebra

Instructors seem to agree that certain concepts (such as linear independence, spanning, subspace, vector space, and linear transformations) are not easily understood and require time to assimilate. These concepts are fundamental to the study of linear algebra, so students' understanding of them is vital to mastering the subject. This text makes these concepts more accessible by introducing them early in a familiar, concrete  $\mathbb{R}^n$  setting, developing them gradually, and returning to them throughout the text so that when they are discussed in the abstract, students are readily able to understand.



## Fundamentals of Differential Equations and Boundary Value Problems, 6e

R. Kent Nagle, Edward Saff  
& David Snider

9781292023564 • ©2013  
872pp • Paperback • £54.99

eBook: 9781292036731 • £43.99

**Course:** Differential Equations

*Fundamentals of Differential Equations* presents the basic theory of differential equations and offers a variety of modern applications in science and engineering. Available in two versions, these flexible texts offer the instructor many choices in syllabus design, course emphasis (theory, methodology, applications, and numerical methods), and in using commercially available computer software.



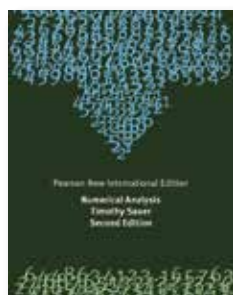
## Elementary Differential Equations, 8e

Earl D. Rainville, Phillip E. Biedent  
& Richard E. Biedent

9781292042695 • ©2013  
544pp • Paperback • £53.99

**Course:** Differential Equations

This clear, concise fairly easy classic text is particularly well-suited to courses that emphasize finding solutions to differential equations where applications play an important role. Many illustrative examples in each chapter help the student to understand the subject. Computer applications new to this edition.



## Numerical Analysis, 2e

Timothy Sauer

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eBook: 9781292036748 • £46.00

**Course:** Numerical Analysis

A modern and readable text for the undergraduate audience. This book covers not only the standard topics but also some more advanced numerical methods being used by computational scientists and engineers – topics such as compression, forward and backward error analysis, and iterative methods of solving equations – all while maintaining a level of discussion appropriate for undergraduates. Each chapter contains a Reality Check, which is an extended exploration of relevant application areas that can launch individual or team projects. MATLAB® is used throughout to demonstrate and implement numerical methods.





## Applied Partial Differential Equations with Fourier Series and Boundary Value Problems, 5e

Richard Haberman

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eBook: 9781292053394 • £43.99

**Course:** Partial Differential Equations

This text emphasizes the physical interpretation of mathematical solutions and introduces applied mathematics while presenting differential equations. Coverage includes Fourier series, orthogonal functions, boundary value problems, Green's functions, and transform methods.



## Fundamentals of Complex Analysis with Applications to Engineering, Science, and Mathematics, 3e

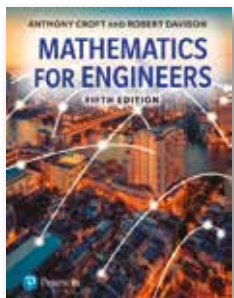
Edward B. Saff &  
Arthur David Snider

9781292023755 • ©2013  
520pp • Paperback • £60.99

eBook: 9781292036885 • £49.00

**Course:** Complex Analysis

This is the best seller in this market. It provides a comprehensive introduction to complex variable theory and its applications to current engineering problems. It is designed to make the fundamentals of the subject more easily accessible to students who have little inclination to wade through the rigors of the axiomatic approach. Modelled after standard calculus books – both in level of exposition and layout – it incorporates physical applications throughout the presentation, so that the mathematical methodology appears less sterile to engineering students.



## Mathematics for Engineers, 5e

Tony Croft & Robert Davison

9781292253640 • ©2019  
1288pp • Paperback • £47.99

eBook: TBC • £TBC

**Available with MyLab Maths**  
Package: TBC • £TBC

**Course:** Engineering Mathematics

Understanding key mathematical concepts and applying them successfully to solve problems are vital skills that all engineering students must acquire. *Mathematics for Engineers* teaches, develops and nurtures those skills. Practical, informal and accessible, it begins with the foundations and gradually builds upon this knowledge as it introduces more complex concepts to cover all requirements for a first year engineering maths course, together with introductory material for even more advanced topics.



## Linear Algebra, 4e

Stephen H. Friedberg,  
Arnold J. Insel &  
Lawrence E. Spence

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536pp • Paperback • £53.99

eBook: 9781292038896 • £43.99

**Course:** Advanced Linear Algebra

This top-selling, theorem-proof text presents a careful treatment of the principle topics of linear algebra, and illustrates the power of the subject through a variety of applications. It emphasizes the symbiotic relationship between linear transformations and matrices, but states theorems in the more general infinite-dimensional case where appropriate.

## Statistics



### Statistics: Informed Decisions Using Data, 5e

Michael Sullivan

9781292157115 • ©2017  
976pp • Paperback • £59.99

eBook: 9781292157139 • £47.99

**Available with MyLab Statistics**  
Package: 9781292157245 • £71.00

**Course:** Introductory Statistics – Algebra-Based

*Statistics: Informed Decisions Using Data* gives students the tools to see a bigger picture and make informed choices. As a current introductory statistics instructor, Mike Sullivan III presents a text that is filled with ideas and strategies that work in today's classroom. His practical emphasis resonates with students and helps them see that statistics is connected, not only to individual concepts, but also with the world at large.



### Elementary Statistics: Picturing the World, 7e

Ron Larson & Elizabeth Farber

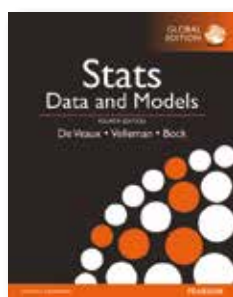
9781292260464 • ©2019  
704pp • Paperback • £59.99

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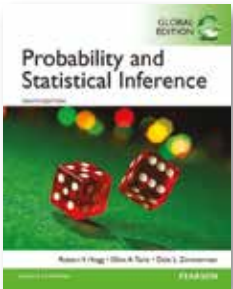
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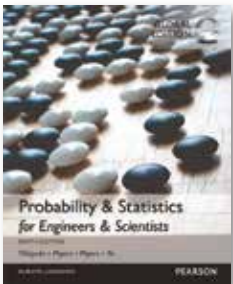
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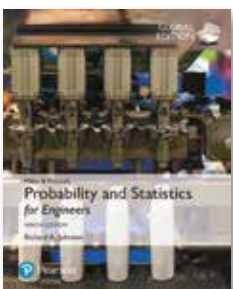
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## Miller & Freund's Probability and Statistics for Engineers, 9e

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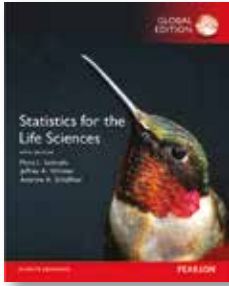
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**Course:** Probability & Statistics – Engineers & Scientists

This text is rich in exercises and examples, and explores both elementary probability and basic statistics, with an emphasis on engineering and science applications. Much of the data has been collected from the author's own consulting experience and from discussions with scientists and engineers about the use of statistics in their fields. In later chapters, the text emphasizes designed experiments, especially two-level factorial design.





## Statistics for the Life Sciences, 5e

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