

Pre Calculus Second Semester Final Exam Review

America's most challenged families are segregated into high-poverty schools. Despite a 20-year experiment in nationwide school reform, few students make it over the slippery bridge to the middle class. In this book you will meet the students, families, teachers, and administrators who struggle inside this failed system, and consider proposals to give them a fighting chance. Caleb Rossiter recounts his experiences as a math teacher of African-American 9th and 10th graders in the poorest wards of the nation's capital. He describes the obstacles facing teachers who are held accountable for the performance of students whose average skills are years below grade level. Rossiter, also a professor of statistics at American University, explains how the No Child Left Behind law allows school districts to use so-called "data-driven" measures of teacher and even "school" effectiveness that ignore learning deficiencies and behavior patterns that began before a child's first day in school. These measures violate basic norms of statistical analysis, yet are used to make comparisons and draw policy-level conclusions. He exposes the pretense of success claimed by "school reformers" who pressure teachers to award unearned grades and, if they won't, paper over failure with imitation classes euphemistically termed "credit recovery." He then offers reasonable solutions that would enable children who attend school ready to learn to be freed from the disruption of poorly socialized peers, who can be better served in alternative settings.

Practice makes perfect—and helps deepen your understanding of calculus 1001 Calculus Practice Problems For Dummies takes you beyond the instruction and guidance offered in Calculus For Dummies, giving you 1001 opportunities to practice solving problems from the major topics in your calculus course. Plus, an online component provides you with a collection of calculus problems presented in multiple-choice format to further help you test your skills as you go. Gives you a chance to practice and reinforce the skills you learn in your calculus course Helps you refine your understanding of calculus Practice problems with answer explanations that detail every step of every problem The practice problems in 1001 Calculus Practice Problems For Dummies range in areas of difficulty and style, providing you with the practice help you need to score high at exam time.

The Educational Leader's Guide for School Scheduling: Strategies Addressing Grades K–12 is the first publication to address creative scheduling at all levels: K–5 or 6, K–8, middle, and high schools. This essential resource provides strategies for the effective and equitable distribution of available FTEs throughout the district, while helping you work through the many critical questions and decisions involved in the scheduling process. Based on the authors' decades of experience in expressing the voice of classroom teachers and building administrators in the art of scheduling, each chapter addresses key schedule development issues, providing a step-by-step sequence, multiple tables, templates, and example schedules. Follow the models in this book to master the skills of producing an efficient organizational plan for your school!

Pre-Calculus For Dummies

Curriculum Handbook with General Information Concerning ... for the United States Air Force Academy

Professional Writing for Social Work Practice

The Boy Inside - An Asperger's Syndrome Success Story

Urban forestry program

"This research publication accommodates in-depth studies that elucidate both the prospects and problems of learning assessment in higher education"--Provided by publisher.

Precalculus is adaptable and designed to fit the needs of a variety of precalculus courses. It is a comprehensive text that covers more ground than a typical one- or two-semester college-level precalculus course. The content is organized by clearly-defined learning objectives, and includes worked examples that demonstrate problem-solving approaches in an accessible way. Coverage and Scope Precalculus contains twelve chapters, roughly divided into three groups. Chapters 1-4 discuss various types of functions, providing a foundation for the remainder of the course. Chapter 1: Functions Chapter 2: Linear Functions Chapter 3: Polynomial and Rational Functions Chapter 4: Exponential and Logarithmic Functions Chapters 5-8 focus on Trigonometry. In Precalculus, we approach trigonometry by first introducing angles and the unit circle, as opposed to the right triangle approach more commonly used in College Algebra and Trigonometry courses. Chapter 5: Trigonometric Functions Chapter 6: Periodic Functions Chapter 7: Trigonometric Identities and Equations Chapter 8: Further Applications of Trigonometry Chapters 9-12 present some advanced Precalculus topics that build on topics introduced in chapters 1-8. Most Precalculus syllabi include some of the topics in these chapters, but few include all. Instructors can select material as needed from this group of chapters, since they are not cumulative. Chapter 9: Systems of Equations and Inequalities Chapter 10: Analytic Geometry Chapter 11: Sequences, Probability and Counting Theory Chapter 12: Introduction to Calculus

The integration of technology into modern classrooms has enhanced learning opportunities for students. With increased access to educational content, students gain a better understanding of the concepts being taught. Flipped Instruction: Breakthroughs in Research and Practice is a comprehensive reference source for the latest scholarly perspectives on promoting flipped learning strategies, tools, and theories in classroom environments. Featuring a range of extensive coverage across innovative topics, such as student engagement, educational technologies, and online learning environments, this is an essential publication for educators, professionals, researchers, academics, and upper-level students interested in emerging developments in classroom and instructional design.

The Educational Leader's Guide for School Scheduling

The Impact of Pen and Touch Technology on Education

Making American Higher Education a Sustainable Enterprise

Announcement

Calculus

Almost every day American higher education is making news with a list of problems that includes the incoherent nature of the curriculum, the resistance of the faculty to change, and the influential role of the federal government both through major investments in student aid and intrusive policies. Checklist for Change not only diagnoses these problems, but also provides constructive recommendations for practical change. Robert Zemsky details the complications that have impeded every credible reform intended to change American higher education. He demythologizes such initiatives as the Morrill Act, the GI Bill, and the Higher Education Act of 1972, shedding new light on their origins and the ways they have shaped higher education in unanticipated and not commonly understood ways. Next, he addresses overly simplistic arguments about the causes of the problems we face and builds a convincing argument that well-intentioned actions have combined to create the current mess for which everyone is to blame. Using provocative case studies, Zemsky describes the reforms being implemented at a few institutions with the hope that these might serve as harbingers of the kinds of change needed: the University of Minnesota at Rochester's compact curriculum in the health sciences only, Whittier College's emphasis on learning outcomes, and the University of Wisconsin Oshkosh's coherent overall curriculum. In conclusion, Zemsky describes the principal changes that must occur not singly but in combination. These include a fundamental recasting of federal financial aid; new mechanisms for better channeling the competition among colleges and universities; recasting the undergraduate curriculum; and a stronger, more collective faculty voice in governance that defines not why, but how the enterprise must change.

Precalculus is intended for college-level precalculus students. Since precalculus courses vary from one institution to the next, we have attempted to meet the needs of as broad an audience as possible, including all of the content that might be covered in any particular course. The result is a comprehensive book that covers more ground than an instructor could likely cover in a typical one- or two-semester course; but instructors should find, almost without fail, that the topics they wish to include in their syllabus are covered in the text. Many chapters of OpenStax College Precalculus are suitable for other freshman and sophomore math courses such as College Algebra and Trigonometry; however, instructors of those courses might need to supplement or adjust the material. OpenStax will also have College Algebra and Algebra and Trigonometry titles tailored to the particular scope, sequence, and pedagogy of those courses. The text and images in this textbook are grayscale.

Diverse needs, streamlined schedule—find out how with this all-in-one resource! How can each school day be inclusive for all learners, while making the most of limited time and resources? Help has arrived with this latest book from school-scheduling gurus Elliot Merenbloom and Barbara Kalina. You'll find: Best practices for program-specific scheduling, including RTI, credit recovery, special education, second language learning, career-technical education, work-study, Advanced Placement, and International Baccalaureate Guidance on scheduling that supports small learning communities, teacher collaboration, and other activities crucial to meeting diverse learning needs User-friendly templates and a professional development Q&A for every chapter Final Report of the University Committee on Minority Issues

Checklist for Change

Handbook of Research on Assessment Technologies, Methods, and Applications in Higher Education

The Burn (High School Bully Romance)

International Handbook on Teaching and Learning Economics

Offers an introduction to the principles of pre-calculus, covering such topics as functions, law of sines and cosines, identities, sequences, series, and binomials.

This book follows my lectures on Advanced Placement Calculus given in the International School of Economics of Kazakh-British Technical University in Almaty, Kazakhstan. In 2011-2017 first-year students of the ISE together with AP Calculus studied AP Statistics, AP Microeconomics, AP Macroeconomics. At the end of the first year after the internal, they passed external exams running and graded by College Board, Washington. In case of successful pass, they became students of the International Program of University of London. The program followed that of London School of Economics and was directed those times by a team of the LSE. The key to a success in AP Calculus exams is knowledge of the theory (including all proofs) coupled with a serious practice. The system of the ISE worked as follows. Each of two semesters has 15 weeks. The first semester is devoted to Differential Calculus (Part I of this book), whereas the second to Integral Calculus (Part II). Each week students have 3 lecture hours, where not only theory is discussed but also typical problems are solved. There are also 2 hours of practice with assistants, when students regularly write quizzes. Finally, students write home works in class for one hour. Home works are announced on the site, and students may solve problems together, but they must write solutions in class individually. In the first semester students have one midterm, one mock, and the final exam. In the second semester, an extra mock exams is added. The problems are more difficult than those of College Board. This book contains in equal proportions a theoretical part, a practical part, and, finally, real exams in the AP format given in the ISE in 2015-16. The exams, as well as the solutions, are organized as addendums at the end of this book. Traditionally, every Calculus course begins with the so-called Pre-Calculus part. In this book, it is replaced with Descartes' theory of tangents, and Descartes Analytic Geometry. So, the main object of Differential Calculus appears at the very beginning. Being so successful in so many cases Descartes' method, however, fails for logarithms. These are very important functions since according to Weber-Fenchler law people feel the outside world through logarithms. The reason for this is that people's abilities to react to outside signals are very limited. Therefore, logarithms eliminate not important signals in favor of fast growing signals of exponential character. It is the Weber-Fenchler law which stands behind any banking system. Since people feel logarithmically the interest rates are calculated as fixed proportions of invested sums of money rather than fixed additive parts of investments. This topic is related to the number $e=2.71828\dots$ playing an important role in Calculus. The number e is the base of the natural logarithm $\ln x$. Logarithmic and exponential growths are crucial for AP Calculus exams. Limits and continuity are present in Chapter 3. The intermediate value property of continuous functions is always present in AP Calculus exams. A monotonic function is continuous if and only if it has the intermediate value property. This fact is used to prove the continuity of elementary functions. A special attention is paid to graphs plotting. From the very beginning, we promote the method of plotting graphs by special points. The complete graph can be obtained just by connection of the plotted part with simple smooth curves. This is the result of the principle, saying that a simple formula implies a simple graph. Problems on related rates are considered on concrete examples in section 4.5. Fifteen such problems are solved. They actually exhaust the list of all possible problems which one can face on exams. Applications to Economics and Finance are considered. This book includes three full exams with solutions and over 300 solved problems. It can be also useful for Cambridge International AS and A Level Mathematics exams.

Your step-by-step solution to mastering precalculus Understanding precalculus often opens the door to learning more advanced and practical math subjects, and can also help satisfy college requisites.

Precalculus Demystified, Second Edition, is your key to mastering this sometimes tricky subject. This self-teaching guide presents general precalculus concepts first, so you'll ease into the basics. You'll gradually master functions, graphs of functions, logarithms, exponents, and more. As you progress, you'll also conquer topics such as absolute value, nonlinear inequalities, inverses, trigonometric functions, and conic sections. Clear, detailed examples make it easy to understand the material, and end-of-chapter quizzes and a final exam help reinforce key ideas. It's a no-brainer! You'll learn about:

Linear questions Functions Polynomial division The rational zero theorem Logarithms Matrix arithmetic Basic trigonometry Simple enough for a beginner but challenging enough for an advanced student, Precalculus Demystified, Second Edition, Second Edition, helps you master this essential subject.

Too Good to Be True

Directory of Awards

Transformational Change Efforts: Student Engagement in Mathematics through an Institutional Network for Active Learning

Implementation and Critical Assessment of the Flipped Classroom Experience

Maximizing Opportunities for Learning

With the same design and feature sets as the market leading Precalculus, 8/e, this addition to the Larson Precalculus series provides both students and instructors with sound, consistently structured explanations of the mathematical concepts. Designed for a two-term course, this text contains the features that have made Precalculus a complete solution for both students and instructors: interesting applications, cutting-edge design, and innovative technology combined with an abundance of carefully written exercises. In addition to a brief algebra review and the core precalculus topics, PRECALCULUS WITH LIMITS covers analytic geometry in three dimensions and introduces concepts covered in calculus. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Provides techniques for achieving high scores on the AP statistics exam and includes two full-length practice tests.

Many social work students today lack the basic writing skills they will need to practice effectively with clients. This user-friendly guide to effective writing skills focuses specifically on the types of writing social work practitioners are required to do in everyday practice: writing for agency reports, client documentation, court letters, and grant writing applications, among other documents. It includes abundant real-world examples drawn from all arenas of social work practice. The text helps students to understand and practice the basics of successful writing through the inclusion of actual forms and records that are customarily used in social work practice. It presents examples of strong writing and analyzes common writing errors. Each chapter contains examples of good and poor writing, and includes forms on which students can practice their new skills. The text also covers legal and ethical issues surrounding legal documentation and use of writing to influence policy and transmit research findings. Key Features: Helps students understand and practice the basics of good writing Focuses specifically on the types of writing they will need to do in social work practice Includes writing samples used in actual social work venues Provides samples of agency reports, intake forms, client progress notes, court documentation, and more

Ap(r) Calculus I

Cracking the AP Statistics Exam

5 Steps to a 5 AP Calculus AB

2004-2005

college of agricultural, family & consumer sciences : undergraduate studies [and] graduate studies

Peterson's Master the Veterinary Technician National Examination (VTNE)--A Career as a Veterinary Technician offers an overview of a veterinary technician's job responsibilities and the various places where veterinary technicians work. It offers information about the education needed to become a vet tech and valuable details on the Veterinary Technician National Exam (VTNE), the national exam given in most states. Readers will also benefit from tips on composing resumes and cover letters, searching online job listings, and preparing for the all-important job interview. For more information, see Peterson's Master the Veterinary Technician National Examination (VTNE).

The purpose of this handbook is to help launch institutional transformations in mathematics departments to improve student success. We report findings from the Student Engagement in Mathematics through an Institutional Network for Active Learning (SEMINAL) study. SEMINAL's purpose is to help change agents, those looking to (or currently attempting to) enact change within mathematics departments and beyond—trying to reform the instruction of their lower division mathematics courses in order to promote high achievement for all students. SEMINAL specifically studies the change mechanisms that allow postsecondary institutions to incorporate and sustain active learning in Precalculus to Calculus 2 learning environments. Out of the approximately 2.5 million students enrolled in collegiate mathematics courses each year, over 90% are enrolled in Precalculus to Calculus 2 courses. Forty-four percent of mathematics departments think active learning mathematics strategies are important for Precalculus to Calculus 2 courses, but only 15 percent state that they are very successful at implementing them. Therefore, insights into the following research question will help with institutional transformations: What conditions, strategies, interventions and actions at the departmental and classroom levels contribute to the initiation, implementation, and institutional sustainability of active learning in the undergraduate calculus sequence (Precalculus to Calculus 2) across varied institutions?

"Precalculus is intended for college-level precalculus students. Since precalculus courses vary from one institution to the next, we have attempted to meet the needs of as broad an audience as possible, including all of the content that might be covered in any particular course. The result is a comprehensive book that covers more ground than an instructor could likely cover in a typical one- or two-semester course; but instructors should find, almost without fail, that the topics they wish to include in their syllabus are covered in the text. Many chapters of OpenStax College Precalculus are suitable for other freshman and sophomore math courses such as College Algebra and Trigonometry; however, instructors of those courses might need to supplement or adjust the material. OpenStax will also be releasing College Algebra and Algebra and trigonometry titles tailored to the particular scope, sequence, and pedagogy of those courses."--Preface.

Catalogue for the Year ... and Announcement for the Year ...
Topics from the 8th Annual UCG Regional Mathematics and Statistics Conference
Ain't Nobody Be Learnin' Nothin'
Flipped Instruction: Breakthroughs in Research and Practice

"The purpose of this program is to enhance the attractiveness of natural resources management careers to African-Americans"--P. 5.

ONE LOVE STORY. TWO MARRIAGES. THREE VERSIONS OF THE TRUTH. Too Good to Be True is an obsessive, addictive love story for fans of Lisa Jewell and The Wife Upstairs, from Carola Lovering, the beloved author of Tell Me Lies. Skye Starling is overjoyed when her boyfriend, Burke Michaels, proposes after a whirlwind courtship. Though Skye seems to have the world at her fingertips—she's smart, beautiful, and from a well-off family—she's also battled crippling OCD ever since her mother's death when she was eleven, and her romantic relationships have suffered as a result. But now Burke—handsome, older, and more emotionally mature than any man she's met before—says he wants her. Forever. Except, Burke isn't who he claims to be. And interspersed letters to his therapist reveal the truth: he's happily married, and using Skye for his own, deceptive ends. In a third perspective, set thirty years earlier, a scrappy seventeen-year-old named Heather is determined to end things with Burke, a local bad boy, and make a better life for herself in New York City. But can her adolescent love stay firmly in her past—or will he find his way into her future? On a collision course she doesn't see coming, Skye throws herself into wedding planning, as Burke's scheme grows ever more twisted. But of course, even the best laid plans can go astray. And just when you think you know where this story is going, you'll discover that there's more than one way to spin the truth.

Adaptable to courses for non-engineering majors, this textbook illustrates the meaning of a curve through graphs and tests predictions through numerical values of change, before formally defining the limit of a sequence and function, the derivative, and the integral. The second half of the book develops techniques for integrating functions, approxi

Precalculus

Calculus: 1,001 Practice Problems For Dummies (+ Free Online Practice)

NEWILD, user's manual

A Novel

Roll Call: 2012

ÔThe International Handbook on Teaching and Learning Economics is a power packed resource for anyone interested in investing time into the effective improvement of their personal teaching methods, and for those who desire to teach students how to think like an economist. It sets guidelines for the successful integration of economics into a wide variety of traditional and non-traditional settings in college and graduate courses with some attention paid to primary and secondary classrooms. . . The International Handbook on Teaching and Learning Economics is highly recommended for all economics instructors and individuals supporting economic education in courses in and outside of the major. This Handbook provides a multitude of rich resources that make it easy for new and veteran instructors to improve their instruction in ways promising to excite an increasing number of students about learning economics. This Handbook should be on every instructor's desk and referenced regularly.Ô ð Tawni Hunt Ferrarini, The American Economist ÔIn delightfully readable short chapters by leaders in the sub-fields who are also committed teachers, this encyclopedia of how and what in teaching economics covers everything. There is nothing else like it, and it should be required reading for anyone starting a teaching career ð and for anyone who has been teaching for fewer than 50 years!Ô ð Daniel S. Hamermesh, University of Texas, Austin, US The International Handbook on Teaching and Learning Economics provides a comprehensive resource for instructors and researchers in economics, both new and experienced. This wide-ranging collection is designed to enhance student learning by helping economic educators learn more about course content, pedagogic techniques, and the scholarship of the teaching enterprise. The internationally renowned contributors present an exhaustive compilation of accessible insights into major research in economic education across a wide range of topic areas including: ¥ Pedagogic practice ð teaching techniques, technology use, assessment, contextual techniques, and K-12 practices. ¥ Research findings ð principles courses, measurement, factors influencing student performance, evaluation, and the scholarship of teaching and learning. ¥ Institutional/administrative issues ð faculty development, the undergraduate and graduate student, and international perspectives. ¥ Teaching enhancement initiatives ð foundations, organizations, and workshops. Grounded in research, and covering past and present knowledge as well as future challenges, this detailed compendium of economics education will prove an invaluable reference tool for all involved in the teaching of economics: graduate students, new teachers, lecturers, faculty, researchers, chairs, deans and directors.

An enemies-to-lovers romance written by USA Today Bestselling Author K.L. Middleton Written by USA Today Bestselling Authors K.L. Middleton and Cassie Alexandra I didn't think there could be anything worse than losing my parents... until I changed schools and became the target of the A-squad - the cruel and popular a-holes of Diamond Lake High. The worst of the group? Chase Adams. An arrogant, rich, hell-raiser who gets his thrills by street racing, partying, and playing games. This year he and his crowd have it out for me. They think they can shake me. Ruin me. Break me. What they don't realize is that I've already been to hell and back. If I have to return, it won't be alone. A new adult bully romance featuring snobby, power-hungry, dangerous teens against the girl who refused to bend. Topics: contemporary romance, romantic comedy, royal romance, billionaire romance, billionaire, series, romantic comedy series, comedy, comedy series, interracial romance, funny

romance, laugh romance, modern romance, urban romance, new york, new york romance, wealthy, USA today, USA today bestseller, Prince romance, neighbor romance, best friends to lovers romance, city romance, smart romance, undercover bodyguard, neighbors romance, roommate romance, something funny to read, best friends in romance, brothers, Kinds, royalty, lighthearted romance, light romance, hot romance, nana malone, nana malone romance, proposal, proposal romance, engagement, engagement romance, free ebook, freebie, free book, free reads, free romance novel, free romance book, free billionaire book, romantic comedy books free, romance books free, billionaire romance for adults, billionaire romance books, contemporary romance free, funny romance, funny romance free, funny books free, comedy books free, rom com, hilarious, romance series, romance series, romance books, beach reads, new adult, college, funny, female, stories, sensual, sensual romance, alpha male, dominant male, hot guy, racy, billionaire romance free, sexy, heartwarming, heart-warming, family, love, love books, kissing books, emotional journey, contemporary, contemporary romance, romance series, long series, long romance series, wealthy hero, wealthy heroes, sassy, captivating romance, hot, hot romance, forbidden love, sparks, loyalty, swoon, mystery, action adventure romance, romantic suspense, suspense romance, action scene romance, action adventure romance.

This book presents perspectives for and by teachers, school and university administrators and educational researchers regarding the great impact pen and tablet technology can have on classrooms and education. presents three distinctly valuable threads of research: Emerging technologies and cutting-edge software invented by researchers and evaluated through real classroom deployments. First-hand perspectives of instructors and administrators who actively implement pen or tablet technologies in their classrooms. Up-and-coming systems that provide insight into the future of pen, touch, and sketch recognition technologies in the classrooms and the curriculums of tomorrow. The Impact of Pen and Touch Technology on Education is an essential read for educators who wish get to grips with ink-based computing and bring their teaching methods into the twenty-first century, as well as for researchers in the areas of education, human-computer interaction and intelligent systems for pedagogical advancement.

A Career as a Veterinary Technician (Part I of IV)

Breakthroughs in Research and Practice

Undergraduate Announcement

Host Bibliographic Record for Boundwith Item Barcode 30112113341975 and Others

For Students of Economics, Finance and Mathematics

Rand Mintzer woke up one day and realized that he was morbidly obese, barely passing his college classes, and without any real goals. Inspired by the memory of a television movie and encouraged by a college roommate, he started running and turned his life around. That was more than thirty years ago, and he's been running ever since-even finishing a marathon. Whether you are battling a weight problem or already consider yourself a runner, you will be motivated by his personal story of redemption. "Every runner's story is at once unique and cut from a common cloth. Rand Mintzer's story is filled with heartwarming lessons and goals reached while saturated with logical and practical advice from which every new runner can benefit. Essentially two books in one, Thirty-Three Years of Running in Circles runs from the inspiring personal to the logical and essential practical while covering everything in between." -Rich Benyo, editor, Marathon and Beyond magazine
An exciting new series of study guides that lets each student design a course of study pitched to his or her individual needs and learning style Each year, more than one million U.S. high school students take one or more advanced placement (AP) exams, and, according to official projections, that number will continue to rise in the years ahead. That is because AP exams confer important benefits on those who do well on them. High AP scores are indispensable to gaining admission to most elite colleges. They provide students with a competitive edge when competing for grants and scholarships. And they allow students to bypass required university survey courses, saving on skyrocketing tuition fees. Designed to coincide perfectly with the most current AP exams, Five Steps to a 5 on the Advanced Placement Examinations guides contain several advanced features that set them above all competitors. Each guide is structured around an ingenious Five-Step Plan. The first step is to develop a study plan, the second builds knowledge, the third and fourth hone test-taking skills and strategies, and the fifth fosters the confidence students need to ace the tests. This flexible study tool is also tailored to three types of students. For the more structured student there is a "Month-by-Month" approach that follows the school year and a "Calendar Countdown" approach that begins with the new year. For students who leave studying to the last minute "Basic Training" covers the basics in just four weeks. Other outstanding features include: Sample tests that closely simulate real exams Review material based on the contents of the most recent tests Icons highlighting important facts, vocabulary, and frequently-asked questions Boxed quotes offering advice from students who have aced the exams and from AP teachers and college professors Websites and links to valuable online test resources, along with author e-mail addresses for students with follow-up questions Authors who are either AP course instructors or exam developers
The Annual University of North Carolina Greensboro Regional Mathematics and Statistics Conference (UNCG RMSC) has provided a venue for student researchers

to share their work since 2005. The 8th Conference took place on November 3, 2012. The UNCG-RMSC conference established a tradition of attracting active researchers and their faculty mentors from NC and surrounding states. The conference is specifically tailored for students to present the results of their research and to allow participants to interact with and learn from each other. This type of engagement is truly unique. The broad scope of UNCG-RMSC includes topics in applied mathematics, number theory, biology, statistics, biostatistics and computer sciences.

Precalculus with Limits

Strategies Addressing Grades K–12

Seven Years a Teacher: An Engineer’s Perspective On Public Schools

Creative Scheduling for Diverse Populations in Middle and High School

Pre-calculus Demystified, Second Edition

In the past decade, traditional classroom teaching models have been transformed in order to better promote active learning and learner engagement. Implementation and Critical Assessment of the Flipped Classroom Experience seeks to capture the momentum of non-traditional teaching methods and provide a necessary resource for individuals who are interested in taking advantage of this pedagogical endeavor. Using narrative explanations and foundation materials provided by experienced instructors, this premier reference work presents the benefits and challenges of flipped methodology implementation in today’s classroom to educators and educational administrators across all disciplines and levels.

Ap(r) Calculus I For Students of Economics, Finance and Mathematics

After teaching junior high school mathematics for 10 years and serving as a high school principal for 14 years, Dr. Clarence Johnson conducted research as a doctoral student on improving the mathematics failure rates of African American students. You can read about his findings in Roll Call: 2012.

The Fraud and The Fix for High-Poverty Schools

Master the Veterinary Technician Exam

The Language of Change

Thirty-Three Years of Running in Circles

A Unit Circle Approach