About our Subject Guides
Each page is dedicated to the subject areas covered by the courses offered here at RPCC. Each lists various types of resources, including printer-friendly guides and handouts, suggested databases for research, selected e-books and books in our collection, and links to relevant online resources. These resources are only a sample of what may be available.

What’s On Our Shelves?
Where to Look? Browse these Call Numbers

- QA1 to QA939 - Mathematics.
  - QA1 to QA43 - General.
    - QA11 to QA20 - Study and teaching.
    - QA21 to QA27.5 - History of mathematics.
    - QA28 to QA29 - Biography.
    - QA40 - Handbooks, manuals, etc.
    - QA135 to QA139 - Study and teaching.
  - QA150 to QA272.5 - Algebra.
  - QA273 to QA280 - Probabilities. Statistics.
  - QA299.6 to QA433 - Analysis.
    - QA303 to QA316 - Calculus.

Selected Books in the Library

General Reference
  Call number: QA 5 .K692 1999
- *The World of Mathematics*,
  Call number: QA 7 .W67 2000, in 4 volumes.

History of Mathematics and Mathematicians
- *Biographical Encyclopedia of Mathematicians*,
- *Math & Mathematicians: The History of Math Discoveries around the World*,
- *The Norton History of the Mathematical Sciences*,
  Call number: QA 221 .G695 1998

Basic Mathematics
  Call number: QA 39.3 M57 2007
- *Everyday Math Demystified*,
  Call number: QA 93 .G37 2004
• Math Essentials: Conquer Fractions, Decimals and Percentages – Get the Right Answer Every Time!
  2nd Edition,

Algebra
• Algebra for Dummies,
  Call number: QA 155 .S74 2001B
  Call number: QA 157 .J7 2000
• No Fear Algebra: Just the Basics,
  Call number: QA 152.2 .F87 2005

Geometry
• Geometry Demystified,
  Call number: QA 453 .G43 2003
• Geometry Success in 20 Minutes a Day,
  Call number: QA 461 .T46 2000; the 2nd Edition, 2005, is also available online from LearningExpress Library eBooks.
• How to Solve Word Problems in Geometry,
  Call number: QA 461 .S68 2000

Trigonometry
• The Algebra & Trigonometry Problem Solver: A Complete Solution Guide to Any Textbook,
  Call number: QA 157 .A48 2000
• Trigonometry Demystified,
  Call number: QA 531 .G53 2003; also available as an e-book.
  Call number: QA 531 .D683 2001

Calculus
• Calculus Demystified,
  Call number: QA 303.2 .K74 2003
• Calculus for the Utterly Confused, 2nd Edition,
  Call number: QA 303.2 .O43 2007
• Inside Calculus,
  Call number: QA 303 .E95 2000

Statistics
• Statistics Demystified,
  Call number: QA 276.12 .G44 2004
• Statistics for the Utterly Confused,
  Call number: QA 276.18 .J35 2000
• Statistics: A Gentle Introduction,
Other Topics in Mathematics

- **Math Anxiety & General Help**
  - *Fear of Math: How to Get Over It and Get On with Your Life,*
    Call number: QA 11 .Z37 1994
    Call number: QA 11 .S447 1993
  - *Math for the Anxious: Building Basic Skills,*
    Call number: QA 93 .P76 2005

- **Teaching Mathematics**
  - *Early Childhood Number Games: Teachers Reinvent Math Instruction,*
    Call number: QA 135.5 .W245 1998
    Call number: QA 135.5 .C46 1999

- **Math for other Majors/Professions**
  - *Math and Music: Harmonious Connections,*
    Call number: ML 3800 .G23 1994
  - *Mathematical Modeling in the Environment,*
    Call number: GE 45 .M37 H24 1998
  - *Mathematics for Chemistry and Physics,*
    Call number: QA 37.3 .T87 2002
  - *Mathematics for the Nonmathematician,*
    Call number: QA 37.2 .K6 1985
    Call number: RT 68 .S56 2005

- **Careers in Mathematics**
  - *101 Careers in Mathematics,*
    Call number: QA 10.5 .A15 1996

**Multi-Media Tutorials**
The following items and more are available in VHS, DVD, or CD-ROM formats, as indicated, may be checked out for 2 days and may be renewed. Up to 4 items may be borrowed at a time and they may be renewed. All are located in the Library, room 141, either in the Video Collection or the CD-ROM Collection. Also note that we are phasing out or replacing our VHS collection.

- **Basic College Mathematics: An Applied Approach,** 8th Edition,
  Call number: QA 39.2 .A83 2006, in 2 sets of 11 volumes, VHS. We also have the 7th Edition in DVD, call number: QA 39.2 .A885 2003

- **College Algebra,** 4th Edition,
  Call number: QA154.2 .D82 2007, in two formats: 5 sets of 9 volumes in DVD & 7 sets of 7 volumes in CD-ROM.

- **Math Star Series,**
  - *Algebra I,*
    Call number: QA 152.2 .M3 1991, in 42 volumes, DVD.
  - *Algebra II,*
    Call number: QA155 .A444 1992 in 41 volumes, DVD.
  - *Calculus,*
    Call number: QA 303 .M384 1994, 16 volumes, DVD.
• *Trigonometry*,
  Call number: QA 537 .M38 1993 in 8 volumes, DVD

**Suggested E-Books**
The eBook Collection from EBSCOhost is our largest provider of e-books (electronic copies of printed books in PDF format), available 24 hours a day, 7 days a week. eBook Collection has an easy-to-use search interface. You will be prompted to login with your Library User ID or Alt. ID, and your PIN to access these e-books from off-campus.

**General Reference**

**History of Mathematics and Mathematicians**

**Basic Mathematics**

**Algebra**

**Geometry**

**Trigonometry**
Finite Mathematics

Calculus
- *Calculus Demystified*, 2003, by Steven G. Krantz. Also available in print, call number QA 303.2 .K74 2003
- *Calculus Know-it-all: Beginner to Advanced, and Everything in Between*, 2009, by Stan Gibilisco.

Statistics

Other Topics in Mathematics
- Math Anxiety & General Help
- Teaching Mathematics
- Math for other Majors/Professions
- Careers in Mathematics

Visit our eBook Collections for links to eBook Collection from EBSCOhost and other e-book collections.
Suggested Databases
The following databases may be accessed from our Databases webpage or from this subject guide webpage. Please note that access from off-campus will require your Library User ID (or Alt ID) & PIN. See our page, How to Access Resources for more information.

- **Academic Search Complete** – Provides full-text articles from more than 5,500 multi-disciplinary, scholarly journals and publications.
- **Biography in Context** – Biographies, magazine articles, images, and website links for more than 900,000 people.
- **ERIC** – Education Resource Information Center. Includes articles and other documents.
- **JSTOR** – The Scholarly Archive: articles from scholarly journals in the arts & sciences, humanities, business, etc.
- **LearningExpress Library** – Practice tests, e-books, & more.
- **MathSciNet** – Find abstracts & citation information on mathematical literature.

Suggested Websites
The following resources have been reviewed and selected in collaboration with relevant faculty. Please note that websites outside of RPCC are beyond our control. We strive to ensure that the sites that we recommend are reliable and valid sources of high-quality information. Please let us know if you find any consistently dead links.

- **Khan Academy**, https://www.khanacademy.org/, offers interactive exercises, video tutorials, etc.; sign-up required, but it’s FREE!
- **TheMathPage**, http://www.themathpage.com/; from Lawrence Spector, a Mathematics instructor at the Borough of Manhattan Community College/City University of New York. Offers courses in arithmetic, geometry, algebra, and more.
- **S.O.S. Mathematics**, http://www.sosmath.com/; created by 3 mathematics professors, this resource offers tutorials, practice tests, tables and a forum for users to post questions and problems.
- **Virtual Math Lab**, http://www.wtamu.edu/academic/anns/mps/math/mathlab/; from West Texas A&M University, this resource offers help with beginning, intermediate, and college algebra.
- **WebMATH**, http://www.webmath.com/; from Discovery Education, is a math help resource that can help students solve specific problems. It uses fill-in forms to input numbers, then explains the solution.

Resources outside of RPCC Library are beyond our control. We strive to ensure that our links function and that the resources we recommend are reliable and valid sources. Please let us know if you experience any problems accessing our resources or find any dead links; you may e-mail us at Library@rpcc.edu or use our contact form on our website.