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# Learning Resources

Mathematics 3103 is designed to use a combination of textbooks that should be readily available in all schools, as well as a number of websites. The following is a list of these resources. Teachers should not feel limited to the list provided.

## Print Resources

*Mathematics 10: Principles & Process*, Ebos, Frank and Hamaguchi, Dennis et. al. Scarborough, Ontario, Canada: International Thompson Publishing, 1994 (Math 1300)

*Mathematics 10* (Revised Edition), Kelly, Paul and Atkinson, Paul et. al. Don Mills, Ontario, Canada: Addison-Wesley Publishers Limited, 1993(Math 1300)

*Mathematics 11: Principles & Process*, Ebos, Frank and Hamaguchi, Dennis et. al. Scarborough, Ontario, Canada: International Thompson Publishing, 1994 (Math 2200)

*Mathematics 11* (National Edition), Kelly, Paul and Atkinson, Paul et. al. Don Mills, Ontario, Canada: Addison-Wesley Publishers Limited, 1993(Math 2200)

*Using Advanced Algebra*, Travers, Kenneth J. and Dalton, Leroy C. et. al. Toronto, Ontario, Canada: Doubleday Canada Limited(Math 1203/2203/3203)

*Mathematics 12: Principles & Process*, Ebos, Frank and Hamaguchi, Dennis et. al. Scarborough, Ontario, Canada: International Thompson Publishing, 1991(Math 3200)

*Mathematics 12* (National Edition), Kelly, Paul and Atkinson, Paul et. al. Don Mills, Ontario, Canada: Addison-Wesley Publishers Limited, 1991(Math 3200)

*Advanced Mathematics*, Kelly, Paul and Atkinson, Paul et. al. Don Mills, Ontario, Canada: Addison-Wesley Publishers Limited, 1987(Math 1201 and 2201)

*Advanced Mathematics*, Brown, Richard and Robbins, David.  
Markham, Ontario, Canada: Houghton Mifflin Canada,  
1989(Math 3201 and Calculus Readiness 3105 )

*Mathematical Modeling: Book 1*, Barry, Maurice and Small, Marian  
et. al. Scarborough, Ontario, Canada: International Thompson  
Publishing, 2000(Math 1204)

*Mathematical Modeling: Book 2*, Barry, Maurice and Hope, Jack  
et. al. Scarborough, Ontario, Canada: International Thompson  
Publishing, 2001(Math 2204 and 2205)

*Mathematical Modeling: Book 3*, Barry, Maurice and Hope, Carol  
Besteck-Shaw et. al. Scarborough, Ontario, Canada: International  
Thompson Publishing, 2001(Math 3204 and 3205)

*Mathematical Modeling: Book 4*, Barry, Maurice and Hope, Carol  
Besteck-Shaw et. al. Scarborough, Ontario, Canada: International  
Thompson Publishing, 2002(Math 3207)

## On-line Resources

<http://www.mathmax.com>

A website created by Addison-Wesley as a supplement for a number of their textbooks, this is an excellent resource for nearly all topics in Mathematics 3103. When first entering the site, click one of the textbook icons such as Basic Math 8/e, then scroll down to review the topics covered by that text. Once you have identified the appropriate topic(s) and chapter you need, click on that chapter and choose the feature you want (note: you will need Adobe Acrobat Reader™: to see the files). Files include interactive tutorials. You will first need to download a plug-in by looking for



and clicking on this button. Follow onscreen instructions. Students will be able to access problems online and they will be immediately informed if they are correct or incorrect. Explanations are also available along with examples for students to follow. An excellent feature of this site.

[www.mathnotes.com](http://www.mathnotes.com)

[www.mathmax.com](http://www.mathmax.com)

<http://www.math.ncsu.edu:8370/ma107/> - **The Complete Online  
Calculus Course**

*<http://www.algebra.com>*

*<http://www.free-ed.net>*

*<http://www.sparknotes.com>*

*<http://www.aaamath.com>*

*<http://www.edhelper.com>*

## Websites for Specific Units

### Websites support related to specific units

#### Unit I

*[http://www.mathnotes.com/intermediate/aw\\_interchap1.html](http://www.mathnotes.com/intermediate/aw_interchap1.html)*

#### Unit II

*<http://explorer.scrtec.org/explorer/explorer-db/html/806787697-81ED7D49.html>*

*<http://math.usask.ca/readin/eaef.html>*

#### Unit III

*<http://www.geocities.com/CapeCanaveral/Launchpad/2426/page25.html>*

*<http://members.tripod.com/~PetrilisD/>*

#### Unit IV

*[http://people.hofstra.edu/faculty/Stefan\\_Waner/RealWorld/tccalcp.html](http://people.hofstra.edu/faculty/Stefan_Waner/RealWorld/tccalcp.html)*

*[http://www.jamesbrennan.org/algebra/chapter\\_2.htm](http://www.jamesbrennan.org/algebra/chapter_2.htm)*

#### Unit V

*<http://www.sosmath.com>*

*[http://www.math.swt.edu/~haz/prob\\_sets/LT99cal1main2/node5.html](http://www.math.swt.edu/~haz/prob_sets/LT99cal1main2/node5.html)*

*<http://www.math.ncsu.edu:8370/ma107/tutorials/composite/>*

