

SOME WEB RESOURCES

The web address for the Anton Calculus text is

[http://www.johnwiley.com.au/highered/engine.jsp?page=titleinfo&all\\$isbn10=0471472441](http://www.johnwiley.com.au/highered/engine.jsp?page=titleinfo&all$isbn10=0471472441)

click on this link and then bookmark it for future use.

Select student resources.

You should see, on the left, a list:

1). Web quizzes.

For each chapter there are quizzes. The quizzes are over one or more sections of that chapter. After completing the quiz you may submit it for grading if you wish. I will NOT know what your grade is and it will NOT be a part of your final grade.

2). The textbook appendices in pdf format.

This option contains the appendices, of Anton's calculus text, in pdf format. You may download them if you wish.

3). Linear Algebra.

This option contains 3 chapters of linear algebra material. It is a reference work you can go to review linear algebra concepts if needed.

4). Additional material

Contains additional material on parametric equations (section 1.8 of the text).

5). Calculus horizons

This option contains an expanded discussion of several scientific problems that can be solved by calculus techniques.

6). Just ask solutions

This option requires that you set up a user name and password. It has the solution to various problems in the book and some of them have associated video clips that illustrate the solution. To register, just click on register. You will need the code which should be located on a card on the inside cover of your textbook.

7). Calculus Explorations.

Graphical explorations based on figures in the text. You may change the values of certain constants to see the effect this has on the graph.

8). Answers to the odd numbered problems in the text.

Contains the solutions to odd numbered problems in the appendices.

Here is an alternate calculus textbook which you can use as reference material.

<http://ocw.mit.edu/ans7870/resources/Strang/strangtext.htm>

This site has an on line Calculus textbook by Strang with the sections in pdf format. You can download and study whichever sections you wish.

The following sites all contain written material on various calculus topics that we will be studying in calculus I. A typical list of topics would include functions, parametric equations, limits, derivatives, etc. If you are studying say limits, then go to the site and see if there is a listing for this topic. If so then you may want to read the material.

NOTE: You will only be tested over the material in our textbook (by Anton).

<http://www.ugrad.math.ubc.ca/coursedoc/math100/index.html>

Go to course notes.

<http://www.math.hmc.edu/calculus/tutorials/>

Select your topic from the single variables list.

http://www.math.uwo.ca/courses/Online_calc_notes/

Select calculus 050 notes

<http://tutorial.math.lamar.edu/AllBrowsers/2413/Functions.asp>

Select your topic from the list on the left. After highlighting the item on the left another menu list will appear. Select your topic from this last menu.

<http://www.learner.org/resources/browse.html?discipline=5&grade=5&imageField2.x=6&imageField2.y=12>

This site has some videos on functions, lines, slopes, and other topics discussed in chapter 1 of the text. Go To Learning Math: Patterns, Functions, and Algebra.

The following link will lead you to a site that contains many other links. From this site you can look at a list of universities that have web pages related to mathematics. You may find some of these to be useful to you.

I would not spend a lot of time doing this. You could wind up wasting a lot of time. On the other hand you may find a jewel or two in your browsing.

<http://archives.math.utk.edu/calculus/crol.html>

This is just a sample of what is available on the web. You might want to do a Google search yourself. Simply search for **online calculus**