

MATH 110 Section S0601

Additional Calculus Topics

Jan – Apr 2006

Time & Location: Tue & Wed 4:00-5:00; Bldg 360 Rm 324

Instructor: Glen Pugh

Office: Bldg 360 Rm 325

email: pughg@mala.bc.ca (This is by far the best way to reach me!)

Phone: (250)753-3245 ext. 2730

web: <http://web.mala.bc.ca/pughg>

Office Hours: Tue 1:00-3:00
Fri 8:30-10:30
or by appointment

Prerequisite: Min. "B-" in MATH 121.

Text: Calculus of a Single Variable, Eighth Edition, by Larson, Hostetler and Edwards

Course Outline: This course covers additional calculus topics not covered in Math 121, namely infinite series, parametric equations, and polar coordinates. Topics with corresponding sections from the text are:

1. Infinite Series: 9.1, 9.2, 9.6-9.10
2. Parametric Equations: 10.2, 10.3
3. Polar Coordinates: 10.4, 10.5

Homework: Homework will be assigned weekly, mostly from the textbook (I may occasionally draw on problems from other sources). The answers to odd numbered problems are in the back of the book. Assigned even numbered homework problems are to be handed in for grading at the beginning of class on **Wed Jan 18, Wed Feb 15** and **Wed Mar 22**. The homework assignments are worth 10% of your final grade. **Late homeworks will not be accepted.**

You are encouraged to work together on the homework problems, however your final solutions must be written up independently. **Identical homework papers will receive a zero grade.**

Doing practice problems is essential for learning mathematics and it is crucial that you complete and understand all assigned homework. In addition to the assigned problems, you should also attempt additional problems from the text to reinforce your understanding and prepare for tests.

Tests: There will be three one-hour class tests given on **Wed Jan 25, Wed Mar 1** and **Wed Mar 29**. There will be no make-up tests, but if you miss a class test for a good reason (e.g. illness, with a doctor's note) allowances will be made.

Your best two tests are each worth 20% of your final grade, while your worst test is worth 10%.

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Final Exam: There will be a final exam in April worth 40% of your grade. The exam period is Apr 13-26 2006.

Grading Summary: Homework Assignments: 10%

Class Tests: 50%

Final Exam 40%

Grading Scale:

95-100%	A+	65-69%	C+
90-94%	A	60-64%	C
85-89%	A-	55-59%	C-
80-84%	B+	50-54%	D
75-79%	B	0-49%	F
70-74%	B-		

Web Page: <http://web.mala.bc.ca/pughg/Spring2006/math110S0601>

This page will be updated regularly with announcements, extra handouts, homework assignments and quiz/test solutions. Please have a look at it regularly, especially if you miss a class.

Extra Help: In addition to help during office hours, you can also get extra help from the tutors in the Math Learning Centre located in Bldg 360 Rm 303.

Miscellaneous Policies:

Calculators: A basic scientific non-programmable, non-graphing calculator may be used for quizzes, class tests and the final exam. (The Canon F502, available at Staples for about \$9, is plenty).

Cell Phones: Turn off and put away before class. Cell phones may NOT be used as clocks or calculators during tests.

Formula Sheets: The use of formula sheets will not be allowed for quizzes, tests or the final exam.

Grade Review: If you do not agree with the grade received on a test or quiz, you may submit your paper for regrading within three days of the date it was returned to you. In this case, the entire paper will be regraded.