

# Math 611B Course Outline

## Souris Regional High School

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**Texts:** Math Power 12 book  
Calculus and Advanced Functions book  
Mr. MacClure's notes

**Materials:** binder (preferable) or scribblers      loose-leaf paper for assignments  
pencils (preferable) or pens                      2 or 3 coloured pencils  
graph paper    ruler or straight edge  
calculator (optional)

**Units:**

Δ Advanced Trigonometry	(Math Power 12)
Δ Functions	(spread throughout the other sections)
Δ Limits and Continuity	(Calculus book)
Δ Slope and the Derivative	(notes & Calculus book)
Δ Differentiation Rules	(Calculus book)
Δ Curve Sketching	(Calculus book)
Δ Optimization Problems	(notes)
Δ Trig & Log Differentiation	(notes & Calculus book)
Δ Integration	(notes & Calculus book)

**Marks:**

Assignments (15 - 16)	-	18 %
Quizzes (6 - 7)	-	42 %
Final Exam	-	40 % (based on most of the year's work)

**Absences:** You are responsible for work missed during an absence. Call or e-mail a classmate (or Mr. MacClure) or check on-line ([www.edu.pe.ca/sourishigh/](http://www.edu.pe.ca/sourishigh/)) to get assignment information.

**Homework:** It will take 2 - 3 hours per week outside of class to properly keep up with the Math 611B notes and assignments. Disregarding homework or leaving assignments until the night before the due date will definitely not lead to success.

Turn over →

**Assignments:** Use a cover page (or information neatly printed on the top third of the first page).  
Late assignments will be penalized.

Let Mr. MacClure know ahead of time if you are working with a partner.  
Both partners must hand in a copy, with both names written on each of the completed assignments.

If you just copy someone's assignment without working together,  
then both students will receive  $\frac{1}{2}$  of the lower mark

**Quizzes:** Quiz rewrites may be written on parts which were done poorly.  
Up to 50% of the missing marks from the original quiz may be gained back.

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**Class Rules:** Be polite. Use appropriate language and conduct.  
Be on time. Please go to the bathroom before class.  
Store bookbags neatly at the back of the room.  
No caps or cell phones.  
No unnecessary noise.  
Music devices are allowed occasionally when working on assignments.  
Keep your desk clean.  
Remain in your chair until the bell rings.

**Suggestions:** Ask questions in class whenever something seems unclear.  
Ask for extra help sessions if you feel you are falling behind.  
Put an effort into reading your notes and doing work at home.

**A problem which may be new to you:**

One of the objectives of this course is to get you ready for university classes in which professors may cover material very quickly, may not provide many examples on the board, and definitely schedule class time for working on assignments.

We won't be quite so *mean* but you should realize that we often hear from former SRHS students who invariably say, "I wish you hadn't babied us so much in high school."