MATHEMATICS 100 Section 101

CALCULUS I

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TEXT:

Stewart, Single Variable Calculus (Early Transcendentals), third edition.
You may wish to also consult the online textbook used by sections 103 and 104. You may view it by pointing your browser to "The UBC Calculus Online Homepage" at

http://www.ugrad.math.ubc.ca/coursedoc/math100/

and clicking on "Course Notes".

TOPICS:

chapter		lecture hours
	Preview and Review	2
	preview of calculus – pages 39–42	
	review functions and their graphs – pages 2–17	
1	Limits and Rates of Change	3
	omit section 1.4	
2	Derivatives	10
	Include Appendix D (pages A23–A30)	
3	Inverse functions	9
	omit section 3.7	
4	Mean Value Theorem, Optimization, Curve Sketching	8
	sections 4.6 and 4.8 are optional	

GRADING:
- There will be two midterms (on Friday, October 9 and Friday, November 6) accounting for about 40% of the final mark.
- There will approximately 6 quizzes (held during your tutorial sessions) accounting for about 10% of the final mark.
- The final exam will account for about 50% of the final mark.
- Term grades **will be scaled** to reflect the performance of classes on the common final exam.
- No cheat sheet will allowed on any tests/exams.
- Nonprogrammable, nongraphing calculators are allowed on all tests/exams.