

<b>CAMOSUN COLLEGE</b> <b>Math 108 - Applied Calculus</b> <b>Class Outline Winter 2003</b>
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**TEXT:** Lial, Greenwell & Ritchey *Calculus with Applications*, 7th edition, 2001.

**INSTRUCTOR:**

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**OUTLINE**

	<i>UNIT</i>	<i>SECTIONS</i>	<i>HOURS</i>
1.	<b>Functions</b>		
	Algebra Review	R.1 → R.7	4
	Linear Functions	1.1 → 1.2	1
	Non-linear Functions and Applications	2.1 → 2.6, 13.1	9
		<b>TEST #1</b>	1 (15)
2.	<b>Differentiation</b>		
	Definition of the Derivative	3.1 → 3.5	7
	Calculating the Derivative	4.1 → 4.5, 13.2	8
		<b>TEST #2</b>	1 (17)
3.	<b>Applications of the Derivative</b>		
	Curve Sketching	5.1 → 5.4	6
	Applications	6.1 → 6.6, 13.2	10
		<b>TEST #3</b>	1 (17)
4.	<b>Integration</b>		
	Integration	7.1 → 7.5, 8.1, 12.3	12
	Differential Equations	10.1	2
		<b>TEST #4</b>	1 (15)
<b>Review &amp; Preparation for Final Exam</b>			$\frac{4}{68}$
		<b>TOTAL</b>	<b>68</b>

**EVALUATION:**

Assignments .....10%  
 Unit Tests .....40%  
 Final Exam .....50%

Percentage:	0-49	50-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-100
Letter Grade:	F	D	C	C+	B-	B	B+	A-	A	A+

**Notes:**

1. Assignments due **on** or (**preferably**) **before** test date for that unit.
2. No restrictions on technological aides in class or on tests (work must be shown for full marks)
3. **Need extra help?** Make arrangements with me or see the math tutors in the math lab (Ewing 224)
4. If you improve on the final exam, more weight can be put on your final exam mark (100%).
5. If you miss, or plan to miss a unit test, you must contact me immediately to discuss the possibility of other arrangements.