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│              CAMOSUN COLLEGE                 │
│           Math 115 - Pre-Calculus            │
│        Course Description for Winter 2003    │
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TEXT: Larson, Hostetler, ***Precalculus***, 5th edition, Houghton-Mifflin, 2001
                Math. Dept., ***Introduction to Differential Calculus***

INSTRUCTOR: Wayne Matthews   Phone #: 370-3107
                 Home Phone: 598-7995   e-mail: mattheww@camosun.bc.ca
                 Office: Ewing 266   Office Hours: 9:30 $\rightarrow$ 10:20 M$\rightarrow$F
                                                1:30 $\rightarrow$ 2:30 T & Th

OUTLINE

	UNIT	*SECTIONS*	*HOURS*	*TOTAL*
1.	**Review, Analytic Geometry**			
	Algebra Review	P.1 $\rightarrow$ P.5, P.7	3	
	Graphing, Circles, Linear Equations	P.8, 1.1, 1.2	2	
	Quadratic Relations	10.2 $\rightarrow$ 10.4, 7.1	6	12
	TEST #1		1	
2.	**Functions**			
	Solving Inequalities	P.6	2	
	Functions, Graphing Techniques	1.3 $\rightarrow$ 1.5	4	
	Polynomial Functions	2.1, 2.2, 2.3, 2.5	4	13
	Rational Functions	2.6	2	
	TEST #2		1	
3.	**Exponents and Logarithms**			
	Algebra of Functions	1.6, 1.7	2	
	Exponential and Logarithmic Functions	3.1, 3.2	3	
	Exponential and Logarithmic Equations	3.3, 3.4	3	11
	Applications	3.5	2	
	TEST #3		1	
4.	**Trigonometry**			
	Radians, Trigonometric Functions	4.1 $\rightarrow$ 4.4	4	
	Graphs of Trigonometric Functions	4.5 $\rightarrow$ 4.7	5	18
	Trigonometric Identities and Equations	5.1 $\rightarrow$ 5.5	8	
	TEST #4		1	
5.	**Introduction to Calculus**	Booklet	10	
	TEST #5		1	11
	Review & Preparation for Final Exam		3	3
	TOTAL		68	68

Notes:
1. Assignments due on or before test date for that unit.
2. No restrictions on technological aides in class or on tests (except for the final).
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 the final exam mark (100%).
5. If you miss a unit test, you must contact me ASAP to discuss possible other arrangements.