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CAMOSUN COLLEGE
Math 115 - Pre-Calculus
Course Description for Winter 2004
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TEXT: Larson, Hostetler, ***Precalculus***, 6th edition, Houghton-Mifflin, 2004
                     Math. Dept., ***Introduction to Differential Calculus***

INSTRUCTOR: Cathy Frost   Phone #: 370-3404
                     Home Phone: 598-2329   e-mail: frost@camosun.bc.ca
                     Office: Ewing 250   Office Hours:
                                            11:30 – 12:30, 1:30 – 2:30
                                          or by appointment

OUTLINE

UNIT	*SECTIONS*	*HOURS*	*TOTAL*
1. **Review, Graphing**			
Algebra Review	A.1 $\rightarrow$ A.8	8	
Graphing, Linear Equations	1.1, 1.2	1	
			10
TEST #1		1	
2. **Functions**			
Functions, Graphing Techniques	1.3 $\rightarrow$ 1.6	4	
Polynomial Functions	2.1, 2.2, 2.3, 2.5	5	12
Rational Functions	2.6	2	
TEST #2		1	
3. **Exponents and Logarithms**			
Algebra of Functions	1.7, 1.8	2	
Exponential and Logarithmic Functions	3.1, 3.2	4	
Exponential and Logarithmic Equations	3.3, 3.4	3	12
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	6	20
Trigonometric Identities and Equations	5.1 $\rightarrow$ 5.5	9	
TEST #4		1	
5. **Introduction to Calculus**	Booklet	9	
TEST #5		1	10
Review & Preparation for Final Exam		3	3
TOTAL		67	67

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. The final exam counts for 50% or 100%, whichever is to your advantage.
5. Best 4 out of 5 tests are counted. There are no rewrites. If you are ill on a test day, see me ASAP to make other arrangements.
6. Sections A.1$\rightarrow$A.8 in *LH* 6th ed correspond to sections P.1$\rightarrow$P.8 in the 5th ed