

Course Outline Math 115 Fall 2004

Text: Precalculus, 6th Edition Larson, Hostetler
Introduction to Differential Calculus, Math. Dept.

Instructor: Derek Randall, Office: Ewing 268 Phone: 382-5971 e-mail: randall@camosun.bc.ca

<u>Topic</u>	<u>Sections</u>	<u>Approx. Hours</u>
1. Algebra Review	A.1 – A.8	5
2. Functions and Their Graphs	1.1 – 1.8	8
3. Polynomial and Rational Functions	2.1 – 2.3, 2.5, 2.6, 7.1	9
4. Exponential and Log. Functions	3.1 – 3.5	8
5. Trigonometry	4.1 – 4.7, 5.1 – 5.5	19
6. Introduction to Calculus	Booklet	9

Evaluation:

1 Final 3 hour Examination	50%
6 Term Tests (count the best 5)	50%

Grading:

A+	95 to 100	B+	80 to 84	C+	65 to 69
A	90 to 94	B	75 to 79	C	60 to 64
A-	85 to 89	B-	70 to 74	D	50 to 59

Your final grade will be the larger of a) Final examination mark and term marks blended or
 b) Final examination mark only.

Note: Tests must be written at the scheduled time.

Sept/04

6th Edition (old text)

Week		Tuesday	Thursday
1	Sept	A.1 - A.3	A.4 - A.6
2		A.7, A.8, 1.1	1.2 - 1.4
3		1.5, 1.6	1.7 Test 1: A.1- A.8 1.1-1.4
4		1.8, 2.1	2.2, 2.3
5	Oct	2.5, 2.6	7.1 Test 2: 1.5 - 1.8, 2.1- 2.3
6		3.1, 3.2	3.2, 3.3
7		3.4, 3.5	4.1 Test 3: 7.1 3.1-3.3
8		4.1, 4.3	4.2, 4.4
9	Nov	4.5, 4.6	4.7 Test 4: 3.4, 3.5 4.1-4.4
10		4.7, 5.1, 5.2	Statutory Holiday Nov 11
11		5.2, 5.3	5.4 Test 5: 4.5-4.7 5.1,5.2
12		5.4, 5.5, Calculus 1.2	Calculus 1.3, 1.4
13		Calculus 1.5.1, 1.5.2	1.5.3 Test 6: 5.3- 5.4 Calculus 1.2- 1.4
14	Dec	Calculus1.5.3, 1.5.4	Review