COURSE HOURS: July 5-Aug. 20 12:00 p.m. – 1:50 p.m. Mon-Fri. in Young 227;
Exam Period: Aug 23 or 24

TEXT: Larson, Hostetler, ***Precalculus***, 6th edition, Houghton-Mifflin, 2004
Math. Dept., ***Introduction to Differential Calculus***

INSTRUCTOR: Cathy Frost   Office: Ewing 250
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Phone #: 370-3404   or by appointment

OUTLINE

	UNIT	*SECTIONS*	*HOURS*	*TOTAL*
1.	**Review, Graphing**			
	Algebra Review, Conics	A.1 $\rightarrow$ A.8, Handout	10	
		Appendices/Conics Journal		10
2.	**Functions**			
	Graphing, Linear Equations	1.1, 1.2,	1	
	Functions, Graphing Techniques	1.3 $\rightarrow$ 1.6	4	
	Polynomial Functions	2.1, 2.2, 2.3, 2.5	5	
	Rational Functions	2.6	2	
		TEST Unit 1 & 2	2	14
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	
	Applications	3.5	2	
		TEST Unit 3	1	12
4.	**Trigonometry**			
	Radians, Trigonometric Functions	4.1 $\rightarrow$ 4.4	4	
	Graphs of Trigonometric Functions	4.5 $\rightarrow$ 4.7	5	
				9
5.	**Analytic Trigonometry**			
	Trigonometric Identities and Equations	5.1 $\rightarrow$ 5.5	10	
		TEST Unit 4 & 5	2	12
6.	**Introduction to Calculus**			
		Booklet	8	
		Calculus Journal		8
	Review & Preparation for Final Exam		3	3
		TOTAL	68	68

Notes:

1. Assignments due on or before test date for that unit. If you hand in your assignment 2 business days before the test date, and get at least 75%, you have the option of counting your test mark for both the test and assignment.
2. No restrictions on technological aides in class or on tests (except for the final).
3. **Need extra help?** A math tutor is available in the math lab (Ewing 224) Mon-Thur. 10:30-1:30. Or, see me in my office hours, or make an appointment.
4. The final exam counts for 50% or 100%, whichever is to your advantage.
5. Best 4 out of 5 tests and journals are counted. There are no rewrites. If you are ill on a test day, e-mail me about your absence, and see me the day you return to make other arrangements. Otherwise a zero will be recorded. If you submit a journal <u>on the respective test day</u> for unit 2, 3, or 4&5, you can receive up to 2 bonus marks on the test.
6. Sections A.1$\rightarrow$A.8 in *LH* 6th ed correspond to sections P.1$\rightarrow$P.8 in the 5th ed