

Math 149: Secrets of the Infinite

Fall 2007

Week	Date	Topic	Lab
August			
1	28	Course Introduction	Pre-assessment
	30	Code Breaking	Cryptogrphahy I -- Spy School
September			
2	4		Cryptogrphahy II
	6	<i>Code Breakers</i> movie/ Vignere Warm-up	Cryptogrphahy II
3	11	Binary/Octal/Hexadecimal	Cryptography III
	13	Warm-up/Crptography Review	
4	18*	EXAM 1	
	20	Exam answers - Chaos!	Chaos
5	25		Chaos
	27	Circle Inversions	Inside Out!
October			
6	2	<i>The World of Escher</i> movie	Tessellation Contest!
	4	The Mathematics of Music	The Mathematics of Music I
7	9		The Mathematics of Music II
	11	Chaos, Inversions & Music Review	
8	16	EXAM 2	
	18	Exam answers - Probability, M&M's	Feeling Lucky I
9	23		Feeling Lucky II
	25		Feeling Lucky III
10	30		Feeling Lucky III

	November		
	1	Probability Review	
11	6	EXAM 3	
	8	Exam answers - Torus Knots	Torus Knots and Toral City
12	13		Torus Knots and Toral City
	15**	More about knots	A Knot or Not?
13	20		A Knot or Not?
	22	Thanksgiving Holiday	
14	27	Graphs and circuits	A Bridge Too Many?
	29		A Bridge Too Many?

	December		
15	4	<i>Porridge, Pulleys & Pi</i>	Movie
	6	Knots & Bridges Review	
16	14	FINAL EXAM - 2:00 - 3:50 (December 14)	

* Last day to drop w/o a "W" grade

** Last day to drop