

Pre Calc A Pacing Guide 2011/2012			
Day	In Class Work	Homework	Objective
	Introduction to Models		
1	IM 1-4	IM 5-15	Linear Models
2	IM 16-20	IM 21-31	Point-slope form of a line and parent graphs
3	IM 32-40	IM 41-49	Default program and shifting graphs
4	IM 50, 51	IM 52-61	Median-Median Lines
5	IM 62-65	IM 66-75	Quality of models
6	IM 76-82	IM 83-92	Exponential Functions
7	IM 93-98	IM 99-108	Radioactive decay and laws of exponents
8	IM 109-114	IM 115-125	Ratios within exponential functions
9	IM 126-129	IM 130-140	Quadratic formula program
10	IM 141-144, TT	IM 147-149,152-157	summary and review
	Area Between Curves		
11	RL 1-5	RL 6-13	Piecewise functions
12	Test Unit 1	skill builders	
13	RL 14-19	RL 20-28	Shifting Functions
14	RL 29-35	RL 36-45	Summation Notation
15	RL 46-51	RL 52-61	Programming summation
16	RL 62-69	RL 70-78	Intitive area and complex conjugates
17	RL 79-87	RL 88-96	Extimating Areas
18	RL 97-101	RL 102-110	Areas using rectangles
19	RL 111-117	RL 118-126	Shifting areas
20	RL 127-132	RL 133-142	Distance as an area
21	RL 143-150	RL 151-159	Distance as an area
22	RL 160-163	RL 164-173	Summing with programming
23	RL 174, 175	RL 176-187	Rocket Launch
24	TT 2	RL 188,196-201	summary and review
25	RL 189-195	RL 202-206	summary and review
26	Test Unit 2	skill builders	
	Introduction to Logarithms		

27	IL 1-7,17-24	IL 8-16,27,28,32,35,36	Definition of Logs and log laws
28	IL 37-43,53,54	IL 30,33,45,46,50,56,58,59	Exponential equations and change base rule
	Sinusoidal Functions		
29	SP 1-10, 19	SP 11-18	Radian Measure
30	SP 20-23,34,38	SP 24-33, 39-41	Special Angles and the unit circle
31	SP 47-54, log quiz	SP 55-63	Define sine and cosine using unit circle
32	SP 64-70	SP 71-79	Transformation of sine and cosine
33	SP 80-86	SP 87-93	Reciprocal Trig functions
34	SP 94-100	SP 101-108	Graph of secant and cosecant
35	SP 109-114	SP 115-122	Solving trig equations 1
36	SP 123-131	SP 132-138	The spring problem: Periodic modeling
37	SP 139-145	SP 146-153	Analyzing the spring problem and trig functions
38	SP 165,166,168,169	SP 156-163	Spring model
39	TT 3	SP 164,170-177	summary and review
40	Chart Quiz, Review		
	Algebra for College Mathematics Courses		
43	AL 33-36	AL 37-45	Binomial probabilities
44	AL 46-48	AL 56-64	Rationalizing denominators and simplifying rational expressions
45	AL 65-68,49	AL 51,52,55,75-80	increasing and concave graphs
46	AL 53,69-73	AL 54,74,84	increasing and concave graphs
47	AL 85-91	AL 92-102	even, odd and power functions
48	AL 103-110	AL 111-120	completing the square
49	AL 121-124,126,127	AL 128-138	polynomial division and inverses
50	AL 139-146	AL 148-158	summary and review
51	TT 4	QC 1-4	Statistical Analysis
	One Variable Statistics		
54	QC 16,18,25-29	QC 43-49	Statistical Analysis/Calculator Statistics/z-score
55	QC 39-42	QC 54-63	Quality Control
56	QC 50-53	Review for Final	Box Plots, Quartiles and Percentiles
57	Test QC	Review for Final	
58	Review for final	Review for Final	
59	Final		