Honors Pre-Calculus School Year 2018-2019

*Outline is subject to change and Assignments may be modified in class

Date	Section	Assignments
Mon 7/23/18	Introduction Combining Functions- Pebble Problem	WS Function practice DUE WEDNESDAY 7/25
Tues 7/24	Finish Pebble Problem Course Readiness Assessment (Pre-skills Test)	WS Function practice DUE WEDNESDAY 7/25
Wed 7/25	Grade HW Function practice Course Readiness Assessment (Pre-skills Test)	Review Exercises #2,4,6,8,14,18,20,24,25,28,30,32,34,38, 42,44,60,74,75,80,82 DUE MONDAY 7/30
Thurs 7/26	Exploration: Constructing an open-top box Building a Function to model situation	Review Exercises -problems above DUE MONDAY 7/30
Fri 7/27	Exploration	Review Exercises -problems above DUE MONDAY 7/30
Mon 7/30	Finish Exploration Questions on Review Exercises Pass out Syllabus	Complete and Correct Review Exercises Read Syllabus and sign
Tues 7/31	Grade Review Exercises Section 1.1 Modeling and Equation Solving	Sec 1.1 #22,25-28,30-36 even, 47
Wed 8/1	Section 1.2 Functions and Their Properties (Domain and Range & Increasing and Decreasing Intervals)	Sec 1.2 #2-28 even (skip 22,24)
~~Thurs~~ Mon ~~8/2~~ 8/6	Section 1.2 Functions and Their Properties (Horizontal and Vertical Asymptotes)	Sec 1.2 #56-62 even → DUE TUES. 8/7 Review for Quiz
Fri 8/3	**Quiz Pebble Problem, Volume of the box, Sections 1.1-1.2**	Worksheet- Symmetry → DUE TUES.8/7
~~Mon~~ Tues ~~8/6~~ 8/7	Section 1.3 Twelve Basic Functions	Sec 1.3 #2-34 even, 50 → DUE W/Th. 8/8 8/9
~~Tues~~ W/Th ~~8/7~~	Section 1.4 Building Functions from Functions	Sec 1.4 #12-22 even, 31 → DUE Fri 8/10
Wed/Thurs 8/8-8/9	Section 1.5 Parametric Relations and Inverses Worksheet Tables and Graphs	Sec 1.5 #2-34 even → DUE Mon 8/13

Thurs. 8/2
·Go over hw 1.1
·finish 1.2 day 1

Fri 8/10	Finish Section 1.5	Worksheet-Revisiting Sec 1.4,1.5 IN CLASS Monday 8/13
~~Mon~~ W/Th ~~8/13~~	Section 1.6 Graphical Transformations	Sec 1.6 #2-28 even, 44-50 even → DUE Fri 8/17
Tues 8/14	Quiz 1.3-1.5	Sec 1.6 #2-28 even, 44-50 even
Wed/Thurs 8/15-8/16	1.6 Graphing Transformations with Generic function (WS)	1.6 Graphing Transformations with Generic function (WS)
Fri 8/17	Section 1.7 Modeling with Functions	Sec 1.7 # 26,28,33 → Due Mon 8/20
Fri 8/17	Wrap up Chapter/Unfinished work Pass back all chapter quizzes	Chapter Review exercises #1-18,21-26,33,37,41-48,53-54 → DUE Study all quiz mistakes! Tues 8/21
Mon 8/20	Review CH 1	Study Volume of the box, pebble problem, composition of functions using tables and graphs, symmetry
Tues 8/21	Review CH 1	Chapter Review exercises #1-18,21-26,33,37,41-48,53-54 Study all quiz mistakes! Study Volume of the box, pebble problem, composition of functions using tables and graphs, symmetry
Wed/Thurs 8/22-8/23	Test Chapter 1	
Fri 8/24		

Learning Goals:
By the end of chapter 1, I will be able to create mathematical models in situations where two quantities change together. Throughout the chapter, I will work with functions both graphically and algebraically. I will become familiar with functions that will be studied in greater depth throughout the year, and begin to learn to analyze the behaviors of various types of functions.