<u>Week</u>	<u>1</u>		Day
September	1	- No Class	
September	2	_ Prerequisites Section 1  Homework: Worksheet	1
September	3	<ul> <li>Prerequisites Section 2</li> <li>Homework: Worksheet</li> </ul>	2
September	4	<ul> <li>Prerequisites Section 3</li> <li>Homework: Worksheet</li> </ul>	3
September	5	- *****Quiz Prerequisites Sections 1 - 3*****  Prerequisites Section 4  Homework: Worksheet	4
Week	<u>2</u>		
September		_ Prerequisites Section 5  Homework: Worksheet	5
September	9	_ Prerequisites Section 6  Homework: Worksheet	6
September	10	_ Prerequisites Section 7  Homework: Worksheet	7
September	11	_ Prerequisites Review  Homework: Page 60-62 TBD	8
September	12	Prerequisites Test	9

<u>Week</u>	<u>3</u>			
September	15	-	Chapter 1 Section 1  Homework: Worksheet	10
September	16	-	Chapter 1 Section 2 (Domain and Range Inc/Dec Functions)  Homework: Worksheet	11
September	17	-	Chapter 1 Section 2 (Boundedness – End Behavior)  Homework: Worksheet	12
September	18	-	Chapter 1 Section 3 (Twelve Basic Functions)  Homework: Worksheet	13
September	19	-	Chapter 1 Section 3 (Analyzing Functions Graphically)  Homework: Worksheet	14
<u>Week</u>	<u>4</u>			
September	22	-	Chapter 1 Section 4 (Combining Functions Algebraically, Compositions of Functions)  Homework: Worksheet	15
September	23	-	*****Quiz Chapter 1 Sections 1 - 3*****  Chapter 1 Section 4 (Compositions of Functions, Relations and Implicitly Defined Functions) Homework: Worksheet	16
September	24	-	Chapter 1 Section 5 (Parametric Relations and Inverse Functions)  Homework: Worksheet	17
September	25	-	Chapter 1 Section 5 (Inverse Functions)  Homework: Worksheet	18
September	26	-	Chapter 1 Section 6 (Transformations)  Homework: Worksheet	19

<u>Week</u>	<u>5</u>		
September	29	_ Chapter 1 Section 6 (Combining Transformations)	20
		Homework: Worksheet	
September	30	_ Chapter 1 Section 7 (Modeling with Functions)	21
		Homework: Worksheet	
October	1	*****Quiz Chapter 1 Sections 4 – 6****	22
		Chapter 1 Section 7 (Modeling with Functions)	
		Homework: Worksheet	
October	2	_ Chapter 1 Review	23
		Homework: page 152 TBD	
October	3	_ Chapter 1 Test	24
<u>Week</u>	<u>6</u>		
October	6	<ul> <li>Chapter 2 Section 1 (polynomial Functions, Linear Functions, Average Rate of Change, Linear Correlation and Modeling</li> </ul>	25
		Homework: Worksheet	
October	7	Chapter 2 Section 1 (Quadratic Functions, Graphs, Applications)	26
		Homework: Worksheet	
October	8	Chapter 2 Section 2 (Power Functions, Variations, Monomial Functions and their Graphs)	27
		Homework: Worksheet	
October	9	- Chapter 2 Section 2 (Graphs of Power Functions and Modeling with Power Functions)	28
		Homework: Worksheet	
October	10	- 1st term ends Chapter 2 Section 3(Graphing and End Behavior)	29
		Homework: Worksheet	

<u>Week</u>	<u>7</u>			
October	13	-	Chapter 2 Section 3 (Zeroes, Intermediate Value Theorem, Modeling)	30
			Homework: Worksheet	
Ostobou	1.4	_	Chapter 2 Section 4 (Long and Synthetic Division, Remainder and Factor Theorems)	21
October	14	-	Homework: Worksheet	31
October	15	-	Parent Teacher Conferences  ****Quiz Chapter 2 Sections 1 – 3*****	32
			Chapter 2 Section 4 (Rational Zeros, and Bounds)	
			Homework: Worksheet	
October	16	_	No Class	
October	17	-	No Class	
Wook	0			
<u>Week</u>	<u>8</u>			
Week October	<b>8</b> 20	-	Chapter 2 Section 5	33
		-	Chapter 2 Section 5  Homework: Worksheet	33
		-		33 34
October	20	-	Homework: Worksheet	
October	20	-	Homework: Worksheet  Chapter 2 Section 5  Homework: Worksheet	
October	20	-	Homework: Worksheet  Chapter 2 Section 5  Homework: Worksheet  Chapter 2 Section 6(Rational Functions, Transformations, Limits and Asymptotes)	
October October	20	-	Homework: Worksheet  Chapter 2 Section 5  Homework: Worksheet	34
October October	20 21 22	-	Homework: Worksheet  Chapter 2 Section 5  Homework: Worksheet  Chapter 2 Section 6(Rational Functions, Transformations, Limits and Asymptotes)	34 35
October October	20	-	Homework: Worksheet  Chapter 2 Section 5  Homework: Worksheet  Chapter 2 Section 6(Rational Functions, Transformations, Limits and Asymptotes)  Homework: Worksheet	34
October October	20 21 22	-	Homework: Worksheet  Chapter 2 Section 5  Homework: Worksheet  Chapter 2 Section 6(Rational Functions, Transformations, Limits and Asymptotes)  Homework: Worksheet  Chapter 2 Section 6(Analyzing Graphs)	34 35
October October	20 21 22	-	Homework: Worksheet  Chapter 2 Section 5  Homework: Worksheet  Chapter 2 Section 6(Rational Functions, Transformations, Limits and Asymptotes)  Homework: Worksheet  Chapter 2 Section 6(Analyzing Graphs)	34 35

<u>Week</u>	<u>9</u>			
October	27	-	*****Quiz Chapter 2 Sections 4 – 6 *****	38
			Chapter 2 Section 7 (Applications)	
			Homework: Worksheet	
October	28	-	Chapter 2 Section 8 (Polynomial Inequalities)	39
			Homework: Worksheet	
October	29	_	Chapter 2 Section 8 (Rational Inequalities, Other Inequalities and Applications)	40
			Homework: Worksheet	
October	30	-	Chapter 2 Review	41
			Homework: Page 246 – 249 TBD	
October	31	-	Chapter 2 Test	42
<u>Week</u>	<u>10</u>			
November	3	-	Chapter 3 Section 1	43
			Homework: Worksheet	
November	4	-	Chapter 3 Section 2 (Constant Percentage Rate, Rate and Exponential Functions,	44
			Exponential Growth and Decay Models)	
			Homework: Worksheet	
November	5	_	Chapter 3 Section 3 (Logarithmic Functions and their Graphs)	45
			Homework: Worksheet	
November	6	-	Chapter 3 Section 4 (Properties of Logarithms, Change of Base, Graphs of Logarithmic Functions with Base b, and Re-expressing Data)	46
			Homework: Worksheet	
November	7	-	Chapter 3 Section 5 (Solving Exponential Equations and Logarithmic Equations, Orders of Magnitude and Logarithmic Models	47
			Homework: Worksheet	

<u>Week</u>	<u>11</u>			
November	10	-	*****Quiz Chapter 3 Sections 1 – 4  Chapter 3 Section 5(Solving Exponential Equations and Logarithmic Equations, Newton's Law of cooling, Logarithmic Re-expression)	48
			Homework: Worksheet	
November	11	-	Chapter 3 Section 6 (Interest Compounded Annually, <i>k</i> times per year, and Continuously)  Homework: Worksheet	49
November	12	-	Chapter 3 Section 6(Annual Percentage Yield, Annuities—Future Value, Loans and Mortgages—Present Value.	50
November	13	-	Homework: Worksheet  Chapter 3 Review  Homework: Page 314-317 TBD	51
November	14	-	Practice ACT Test for Juniors Hours 1&2. CHAPTER 3 TEST	52
<u>Week</u>	<u>12</u>			
November	17	-	Chapter 4 Section 1 (Angles and their measures)  Homework: Worksheet	53
November	18	-	Chapter 4 Section 2 (Trigonometric Functions of Acute Angles)  Homework: Worksheet	54
November	19	-	Chapter 4 Section 3  Homework: Worksheet	55
November	20	-	Chapter 4 Section 3  Homework: Worksheet	56
November	21	-	Chapter 4 Section 4  Homework: Worksheet	57

<u>week</u>	<u>13</u>			
November	24	-	2nd Term ends - Parent Teacher Conferences Chapter 4 Section 4	58
			Homework: Worksheet	
November	25	-	*****Quiz Chapter 4 Sections 1 – 3****	59
November	26	-	NO CLASS	
November	27	-	NO CLASS	
November	28	-	NO CLASS	
<u>Week</u>	<u>14</u>			
December	1	-	NO CLASS	
December	2	-	Chapter 4 Section 5  Homework: Worksheet	60
December	3	-	Chapter 4 Section 5  Homework: Worksheet	61
December	4	-	Chapter 4 Section 6  Homework: Worksheet	62
December	5	-	Chapter 4 Section 6  Homework: Worksheet	63

<u>Week</u>	<u>15</u>		
December	8	_ Chapter 4 Section 7	64
		Homework: Worksheet	
December	9	*****Quiz Chapter 4 Sections 4 – 6*****	65
		Chapter 4 Section 7	
		Homework: Worksheet	
December	10	_ Chapter 4 Section 8	66
		Homework: Worksheet	
		Chautan A Sastian O	
December	11		67
		Homework: Worksheet	
December	12	_ Chapter 4 Review	68
December	12	Homework: Page 398-401 TBD	00
		- Table 330 101 133	
<u>Week</u>	<u>16</u>		
		****	
December	15	- ***Exam Review Packet 41-53 Due***	69
		Chapter 4 Review	
		Homework: Page 398-401 TBD	
December	16	_ Chapter 4 Test	70
December	17	_ Chapter 5 Section 1	71
December		Homework: Worksheet	, -
December	18	_ Chapter 5 Section 1	72
		Homework: Worksheet	
December	19	_ Chapter 5 Section 2	<b>7</b> 3
		Homework: Worksheet	

<u>week</u>	<u>1/</u>		
January	5	***Exam Review Packet NC Front Page Due***	74
		Chapter 5 Section 2	
		Homework: Worksheet	
January	6	_ Chapter 5 Section 3	75
		Homework: Worksheet	
January	7	_ Chapter 5 Section 3	76
,		Homework: Worksheet	
January	8	_ Chapter 5 Section 4	77
,		Homework: Worksheet	
January	9	*****Quiz Chapter 5 Sections 1 – 3****	78
January	-		, c
Wook	10		
<u>Week</u>	<u>18</u>		
January	12	- ***Exam Review Packet 26-40 Due***	79
		Chapter 5 Section 5	
		Homework: Worksheet	
January	13	_ Chapter 5 Section 5	80
		Homework: Worksheet	
January	14	_ Chapter 5 Section 6	81
		Homework: Worksheet	
January	15	- ***Exam Review Packet 54-66 Due***	82
1	-		5-
January	16	_ Chapter 5 Test	83
			,

<u>Week</u>	<u>19</u>		
January	19 -	NO CLASS	
January	20 -	Exam Review Day ***Exam Review Packet 1-25 Due***	84
January	21 -	Exam Written Short Answer	85
January	22 -	Exam Multiple Choice (HR 3&4)	86
January	23 -	Exam Multiple Choice (HR 1&2)	87