

**Calendar**

Date		Topics	Sect	Homework – Webassign	Due
2 Sep	M	Labor Day – No Class			
3 Sep	T	Intro, Syllabus GeoGebra, Webassign		HW01 Getting Started – Webassign	
4 Sep	W	Graphing	1.5	1-5 Graphing	
6 Sep	F	Project 1 – GeoGebra Intro		Convocation schedule – 8:25 End	
9 Sep	M	Equations of Lines	1.6	1-6 Equations of Lines	
10 Sep	T	Project 2 – Linear Fitting		2-3 Inequalities	
11 Sep	W	Inequalities	2.3	3-1 Functions	
13 Sep	F	Functions	3.1	3-2 Graphs of Functions	
16 Sep	M	Graphs of Functions & GeoGebra Exercise	3.2		
17 Sep	T	Rates of Change	3.3		
18 Sep	W	Graphing Techniques	3.4		
20 Sep	F	Project 3 – Transmogrifying Graphs			
23 Sep	M	Composition of Functions	3.5		
24 Sep	T	Review			
25 Sep	W	Exam 1			
27 Sep	F	Exponent Rules, Scientific Notation	A.1	Handout – Written HW	
30 Sep	M	Mathematical Models	4.4		
1 Oct	T	Rational functions	4.7		
2 Oct	W	Project 4 – Thin lens experiment			
4 Oct	F	Exponential Functions	5.1		
7 Oct	M	Natural Exponential Function	5.2		
8 Oct	T	Logarithms	5.3		
9 Oct	W	Properties of Logarithms	5.4		
11 Oct	F	Exponential Growth & Decay	5.7		
14 Oct	M	Project 5 – Modeling Exponential Growth & Decay			
15 Oct	T	Trig Functions: Acute Angles	6.1		
16 Oct	W	Review			
17 Oct	R	Friday class meets Exam 2		Note: Friday classes meet on this Thursday	
18 Oct	F	Fall Break 23 October			

21 Oct	M	Right-Triangle Applications	6.2		
22 Oct	T	Project 6 – Measuring Ott			
23 Oct	W	Radian Measure	7.1		
25 Oct	F	Trig Functions of Angles	6.3 7.2		
28 Oct	M	Trig Identities: Basic	6.4		
29 Oct	T	Evaluating Trig Functions	7.3		
30 Oct	W	Graphs of sin/cos	8.2		
1 Nov	F	Scaled & shifted sin/cos graphs	8.3		
4 Nov	M	Simple Harmonic Motion	8.4		
5 Nov	T	Project 7 – Modeling Simple Pendulum			
6 Nov	W	Graphs of tan/cot/sec/csc	8.5		
8 Nov	F	Review			
11 Nov	M	Exam 3			
12 Nov	T	Trig Identities: Addition	9.1		
13 Nov	W	Trig Identities: Double-angle	9.2		
15 Nov	F	Trig Identities: Product $\leftrightarrow$ Sum	9.3		
18 Nov	M	Project 8 – Beats			
19 Nov	T	Project Completion			
20 Nov	W	Trigonometric Equations	9.4		
22 Nov	F	Inverse Trig Functions	9.5		
25 Nov	M	Law of Sines/Cosines	10.2		
26 Nov	T	Project 9 – Measuring Ott Hall – Way 2			
27 Nov	W	Thanksgiving Vacation			
28 Nov	R	Thanksgiving Vacation			
29 Nov	F	Thanksgiving Vacation			
2 Dec	M	Vectors: Geometric	10.3		
3 Dec	T	Vectors: Algebraic	10.4		
4 Dec	W	Systems of 2 Eqns, 2 unknowns	11.1		
6 Dec	F	Project 10 – Force Diagrams			
9 Dec	M	Review			
11 Dec	W	Final Exam – 8:00-9:50 AM		MAT 120	

The schedule and homework assignments may change. A schedule change is *not* a change in the course syllabus. I will give notice if a test date changes. I will send revised schedules by email.