

## MA 137 001-008 Fall 2014 Calendar of Events

	Lecture <i>Recitation</i>	Class activity	Due Dates	Chapter & Section
Week 1	Wed, 27-Aug	Preliminaries		1.1
	<i>Thurs, 28-Aug</i>	<i>Worksheet #1:</i>		
	Fri, 29-Aug	Elementary functions	WW 01	1.2
Week 2	Mon, 01-Sept	Labor Day		
	<i>Tues, 02-Sept</i>	<i>Worksheet #2:</i>		
	Wed, 03-Sept	Trigonometric functions		1.2
	<i>Thurs, 04-Sept</i>	<i>Worksheet #3:</i>	WW 02	
Week 3	Fri, 05-Sept	Exponential, logarithmic, inverse functions		1.2
	Mon, 08-Sept	Graphing functions		1.3
	<i>Tues, 09-Sept</i>	<i>Worksheet #4:</i>		
	Wed, 10-Sept	Semi-log/log-linear plots		1.3
Week 4	<i>Thurs, 11-Sept</i>	<i>Worksheet #5:</i>	WW 03	
	Fri, 12-Sept	Log-log plots		1.3
	Mon, 15-Sept	Discrete population growth/recursion		2.1
	<i>Tues, 16-Sept</i>	<i>Worksheet #6:</i>		
Week 5	Wed, 17-Sept	Sequences, limits, recursion		2.2
	<i>Thurs, 18-Sept</i>	<i>Worksheet #7:</i>	WW 04	
	Fri, 19-Sept	More discrete population models		2.3
	Mon, 22-Sept	Review		
Week 6	<i>Tues, 23-Sept</i>	<i>Review</i>		
	***** <b>Tues, 23-Sept Exam 1 (5:00 – 7:00 PM) Worsham Theater</b> *****			
	Wed, 24-Sept	Limits and limit laws		3.1
	<i>Thurs, 25-Sept</i>	<i>Worksheet #8:</i>	WW 05	
	Fri, 26-Sept	Continuity		3.2
Week 7	Mon, 29-Sept	Sandwich theorem/trig limits		3.3
	<i>Tues, 30-Sept</i>	<i>Worksheet #9:</i>		
	Wed, 01-Oct	Properties of continuous functions		3.4
	<i>Thurs, 02-Oct</i>	<i>Worksheet #10:</i>	WW 06	
Week 8	Fri, 03-Oct	Formal definition of a derivative		4.1
	Mon, 06-Oct	A first look at differential equations		4.1.2
	<i>Tues, 07-Oct</i>	<i>Worksheet #11:</i>		
	Wed, 08-Oct	Power rule		4.2
Week 9	<i>Thurs, 09-Oct</i>	<i>Worksheet #12:</i>	WW 07	
	Fri, 10-Oct	Product and quotient rules		4.3
	Mon, 13-Oct	Chain rule		4.4
	<i>Tues, 14-Oct</i>	<i>Worksheet #13:</i>		
Week 10	Wed, 15-Oct	Higher order derivatives		4.4
	<i>Thurs, 16-Oct</i>	<i>Worksheet #14:</i>	WW 08	
	Fri, 17-Oct	Implicit differentiation and related rates		4.4.2
	Mon, 20-Oct	Review		
	<i>Tues, 21-Oct</i>	<i>Review</i>		
Week 11	***** <b>Tues, 21-Oct Exam 2 (5:00 – 7:00 PM) Worsham Theater</b> *****			
	Wed, 22-Oct	Derivatives of trigonometric functions		4.5
	<i>Thurs, 23-Oct</i>	<i>Worksheet #15:</i>	WW 09	
	Fri, 24-Oct	Derivatives of exponential functions		4.6
Week 12	Mon, 27-Oct	Derivatives of inverse functions		4.7
	<i>Tues, 28-Oct</i>	<i>Worksheet #16:</i>		
	Wed, 29-Oct	Derivatives of logarithmic functions		4.7
	<i>Thurs, 30-Oct</i>	<i>Worksheet #17:</i>	WW 10	
Week 13	Fri, 31-Oct	Linear approximation and error propagation		4.8
	Mon, 03-Nov	Extreme values		5.1
	<i>Tues, 04-Nov</i>	<i>Worksheet #18:</i>		
	Wed, 05-Nov	Monotonicity and concavity		5.1
Week 14	<i>Thurs, 06-Nov</i>	<i>Worksheet #19:</i>	WW 11	
	Fri, 07-Nov	Graphing and derivatives		5.2

Week 11	Mon, 03-Nov	Extreme values		5.1
	<i>Tues, 04-Nov</i>	<i>Worksheet #18:</i>		
	Wed, 05-Nov	Monotonicity and concavity		5.1
	<i>Thurs, 06-Nov</i>	<i>Worksheet #19:</i>	WW 11	
Week 14	Fri, 07-Nov	Graphing and derivatives		5.2

Week 12	Mon, 10-Nov	Optimization		5.3
	<i>Tues, 11-Nov</i>	<i>Worksheet #20:</i>		
	Wed, 12-Nov	Optimization		5.4
	<i>Thurs, 13-Nov</i>	<i>Worksheet #21:</i>	WW 12	
	Fri, 14-Nov	Optimization		5.4
Week 13	Mon, 17-Nov	Review		
	<i>Tues, 18-Nov</i>	<i>Review</i>		
	<b>***** Tues, 18-Nov, Exam 3 (5:00 – 7:00 PM) Worsham Theater *****</b>			
	Wed, 19-Nov	L'Hospital's Rule		5.5
	<i>Thurs, 20-Nov</i>	<i>Worksheet #22:</i>	WW 13	
	Fri, 21-Nov	Stability		5.6
Week 14	Mon, 24-Nov	Antiderivatives		5.8
	<i>Tues, 25-Nov</i>	<i>Worksheet #23:</i>		
	Wed, 26-Nov	<b>Thanksgiving Break</b>		
	<i>Thurs, 27-Nov</i>			
Fri, 28-Nov				
Week 15	Mon, 01-Dec	Definite Integral		6.1
	<i>Tues, 02-Dec</i>	<i>Worksheet #24:</i>		
	Wed, 03-Dec	Definite Integral		6.1
	<i>Thurs, 04-Dec</i>	<i>Worksheet #25:</i>	WW 14	
	Fri, 05-Dec	Fundamental Theorem of Calculus		6.2
Week 16	Mon, 08-Dec	Fundamental Theorem of Calculus		6.2
	<i>Tues, 09-Dec</i>	<i>Worksheet #26:</i>		
	Wed, 10-Dec	Applications of integration		6.3
	<i>Thurs, 11-Dec</i>	<i>Worksheet #27:</i>	WW 15	
	Fri, 12-Dec	Review		
<b>***** Wed, 17-Dec, Exam 4 (6:00 – 8:00 PM) Chemistry Physics Bldg *****</b>				