

MA 114 spring 2014 Calendar of Events

	Lecture <i>Recitation</i>	Class activity	Due Dates	Textbook Exercises
Week 1	Wed, 15-Jan	Average value & density		6.2
	<i>Thurs, 16-Jan</i>	<i>Worksheet #1</i>		
	Fri, 17-Jan	Volumes of solids of know cross section		6.2
Week 2	Mon, 20-Jan	MLK Day		
	<i>Tues, 21-Jan</i>	<i>Worksheet #2</i>		
	Wed, 22-Jan	Volumes of solids of revolution	WW 01	6.3
	<i>Thurs, 23-Jan</i>	<i>Worksheet #3</i>	Quiz 01	
	Fri, 24-Jan	Method of cylindrical shells		6.4
Week 3	Mon, 27-Jan	Work		6.5
	<i>Tues, 28-Jan</i>	<i>Worksheet #4</i>		
	Wed, 29-Jan	Integration by parts	WW 02	7.1
	<i>Thurs, 30-Jan</i>	<i>Worksheet #5</i>	Quiz 02	
	Fri, 31-Jan	Trigonometric integrals I	WW 03	7.2
Week 4	Mon, 03-Feb	Trigonometric integrals II		7.2
	<i>Tues, 04-Feb</i>	<i>Worksheet #6</i>		
	Wed, 05-Feb	Trigonometric substitution	WW 04	7.3
	<i>Thurs, 06-Feb</i>	<i>Worksheet #7</i>	Quiz 03	
	Fri, 07-Feb	Trigonometric substitution	WW 05	7.3
Week 5	Mon, 10-Feb	Review		
	<i>Tues, 11-Feb</i>	<i>Worksheet #8: Review</i>		
	***** Tues, 11-Feb Exam 1 (5:30 – 7:00 PM) TBA *****			
	Wed, 12-Feb	Method of partial fractions	WW 06	7.5
	<i>Thurs, 13-Feb</i>	<i>Worksheet #9</i>		
Week 6	Fri, 14-Feb	Improper integrals		7.6
	Mon, 17-Feb	Numerical integration I		7.8
	<i>Tues, 18-Feb</i>	<i>Worksheet #10</i>		
	Wed, 19-Feb	Numerical integration II	WW 07	7.8
	<i>Thurs, 20-Feb</i>	<i>Worksheet #11</i>	Quiz 04	
Week 7	Fri, 21-Feb	Arc length	WW 08	8.1
	Mon, 24-Feb	Surface Area		8.1
	<i>Tues, 25-Feb</i>	<i>Worksheet #12</i>	WW 09	
	Wed, 26-Feb	Center of mass		8.3
	<i>Thurs, 27-Feb</i>	<i>Worksheet #13</i>	Quiz 05	
Week 8	Fri, 28-Feb	Taylor polynomials	WW 10	8.4
	Mon, 03-Mar	Solving differential equations		9.1
	<i>Tues, 04-Mar</i>	<i>Worksheet #14</i>		
	Wed, 05-Mar	Models involving $y' = k(y - b)$	WW 11	9.2
	<i>Thurs, 06-Mar</i>	<i>Worksheet #15</i>	Quiz 06	
Week 9	Fri, 07-Mar	Graphical and numerical methods I	WW 12	9.3
	Mon, 10-Mar	Review		
	<i>Tues, 11-Mar</i>	<i>Worksheet #16: Review</i>		
	***** Tues, 11-Mar Exam 2 (5:30 – 7:00 PM) TBA *****			
	Wed, 12-Mar	Graphical and numerical methods II		9.3
	<i>Thurs, 13-Mar</i>	<i>Worksheet #17</i>		
	Fri, 14-Mar	The logistic equation	WW 13	9.4
	Mon,17-Mar - Fri, 21-Mar	***** Spring Break *****		

Week 10	Mon, 24-Mar	First order linear equations		9.5
	<i>Tues, 25-Mar</i>	<i>Worksheet #18</i>		
	Wed, 26-Mar	Sequences	WW 14	10.1
	<i>Thurs, 27-Mar</i>	<i>Worksheet #19</i>	Quiz 07	
	Fri, 28-Mar	Summing an infinite series	WW 15	10.2
Week 11	Mon, 31-Mar	Convergence of series with positive terms		10.3
	<i>Tues, 01-Apr</i>	<i>Worksheet #20</i>		
	Wed, 02-Apr	Absolute and conditional convergence	WW 16	10.4
	<i>Thurs, 03-Apr</i>	<i>Worksheet #21</i>	Quiz 08	
	Fri, 04-Apr	Ratio and Root tests	WW 17	10.5
Week 12	Mon, 07-Apr	Power series I		10.6
	<i>Tues, 08-Apr</i>	<i>Worksheet #22</i>		
	Wed, 09-Apr	Power series II	WW 18	10.6
	<i>Thurs, 10-Apr</i>	<i>Worksheet #23</i>	Quiz 09	
	Fri, 11-Apr	Taylor Series	WW 19	10.7
Week 13	Mon, 14-Apr	Review		
	<i>Tues, 15-Apr</i>	<i>Worksheet #24 -Review</i>		
	***** Tues, 15-Apr, Exam 3 (5:30– 7:00 PM) TBA *****			
	Wed, 16-Apr	Parametric equations		11.1
	<i>Thurs, 17-Apr</i>	<i>Worksheet #25</i>	WW 20	
Week 14	Fri, 18-Apr	Arc length and speed		11.2
	Mon, 21-Apr	Surface area		11.2
	<i>Tues, 22-Apr</i>	<i>Worksheet #26 and #27</i>	WW 21	
	Wed, 23-Apr	Polar coordinates	Quiz 10	11.3
	<i>Thurs, 24-Apr</i>	<i>Worksheet #28</i>	WW 22	
Week 15	Fri, 25-Apr	Area and arc length in polar coordinates I		11.4
	Mon, 28-Apr	Area and arc length in polar coordinates II	WW 23	11.4
	<i>Tues, 29-Apr</i>	<i>Worksheet #29</i>		
	Wed, 30-Apr	Review	WW 24	
	<i>Thurs, 01-May</i>	<i>Worksheet #30</i>		
Week 15	Fri, 02-May	Review		
	Wed, 07-May: Final Exam (8:30-10:30 pm)			