MA 114 Fall 2016 Calendar of Coverage

	Date	Section	Coverage	*WeBWorK* due
Week 1	W 08/24	5.5	Substitution, Area	
	R 08/25		Worksheet 01	
	F 08/26	7.1	Integration by Parts	
Week 2	M 08/29	7.1 7.4	Integration by Parts and Partial fractions	WW01 at 400AM
	T 08/30		Worksheet 02	
	W 08/31	7.4	Partial fractions	
	R 09/01		Worksheet 03	WW02 at 400AM
	F 09/02	7.5 7.6	Special trig integrals ($\sin^2 x$, $\cos^2 x$, $\sqrt{a^2-x^2}$,$1/(a^2+x^2)$	
Week 3	M 09/05: Labor Day			WW03 at 400AM
	T 09/06		Worksheet 04	
	W 09/07	7.7	Numerical integration: Trapezoid, Midpoint, Simpson	
	R 09/08		Worksheet 05	WW04 at 400AM
	F 09/09	7.7	Numerical intergration: Simpson, error	
Week 4	M 09/12	7.8	Improper integrals	WW05 at 400AM
	T 09/13		Worksheet 06	
	W 09/14	11.1	Sequences as functions from $\mathbb{N}$ to $\mathbb{R}$	
	R 09/15		Worksheet 07	WW06 at 400AM
	F 09/16	11.1	Sequences by recursion	
Week 5	M 09/19	Review		WW07 at 400AM
	T 09/20		**Review Worksheet (08)**	
	T 09/20	Exam 01: 05:00–07:00 PM		
	W 09/21	11.2	Series	
	R 09/22		Worksheet 09	WW08 at 400AM
	F 09/23	11.2	Series	
Week 6	M 09/26	11.3	Integral Test	WW09 at 400AM
	T 09/27		Worksheet 10	
	W 09/28	11.4	Comparison and Limit Comparison Tests	
	R 09/29		Worksheet 11	WW10 at 400AM
	F 09/30	11.5	Alternating series	
Week 7	M 10/03	11.6	Absolute and conditional convergence	WW11 at 400AM
	T 10/04		Worksheet 12	
	W 10/05	11.7	Ratio and Root Tests	
	R 10/06		Worksheet 13	WW12 at 400AM
	F 10/07	11.8	Power series	
Week 8	M 10/10	11.9	Representing functions as power series	WW13 at 400AM
	T 10/11		Worksheet 14	
	W 10/12	11.10	Taylor series	
	R 10/13		Worksheet 15	WW14 at 400AM
	F 10/14	11.10	Taylor polynomials and Taylor series as approximations	
Week 9	M 10/17	Review		WW15 at 400AM
	T 10/18		Worksheet 16	
	Tues 10/18	Exam 02: 05:00–07:00 PM		
	W 10/19	6.5	Average value of a function	
	R 10/20		Worksheet 17	WW16 at 400AM
	F 10/21	6.2	Volumes with known cross-section	
Week 10	M 10/24	6.2	Volumes of revolution	WW17 at 400AM
	T 10/25		Worksheet 18	
	W 10/26	6.3	Volumes of revolution by shells	
	R 10/27		Worksheet 19	WW18 at 400AM
	F 10/28	8.1	Arc length	
Week 11	M 10/31	8.2	Surface area	WW19 at 400AM
	T 11/01		Worksheet 20	
	W 11/02	8.3	Centers of mass; moments	
	R 11/03		Worksheet 21	WW20 at 400AM

	F 11/04	10.1	Parametric equations	
Week 12	M 11/07	10.1	Parametric equations	WW21 at 400AM
	Tues 11/8	ELECTION DAY: NO CLASSES		
	W 11/09	10.2	Calculus with parametric equations	
	R 11/10		Worksheets 22 & 23	WW22 at 400AM
	F 11/11	10.3	Polar coordinates	
Week 13	M 11/14	Review		WW23 at 400AM
	T 11/15		Worksheet 24	
	Tues 11/15	Exam 03: 05:00–07:00 PM		
	W 11/16	10.4	Polar coordinates	
	R 11/17		Worksheet 25	WW24 at 400AM
	F 11/18	10.4	Calculus with polar coordinates	
Week 14	M 11/21	9.1	Modeling with differential equations	WW25 at 400AM
	T 11/22		Worksheet 26	
	W 11/23 R 11/24 F 11/25	**Thanksgiving Break**		
Week 15	M 11/28	9.2	Direction fields	WW26 at 400AM
	T 11/29		Worksheet 27	
	W 11/30	9.3	Separable equations	
	R 12/01		Worksheet 28	WW27 at 400AM
	F 12/02	9.4	Logistic equation	
Week 16	M 12/05	10.5	Conic sections	WW28 at 400AM
	T 12/06		Worksheet 29	
	W 12/07	10.5	Conic sections	
	R 12/08		Worksheet 30	WW29 at 400AM
	F 12/09	Review		
	R 12/15	**Final Exam 8:30–10:30 PM**		