MA 114 Fall 2017 Calendar of Coverage

	Date	Section	Coverage	*WeBWorK* due
Week 1	W 08/23	7.1	Integration by Parts	
	R 08/24		Worksheet 01	
	F 08/25	7.1	Integration by Parts and	
		7.4	Partial fractions	
Week 2	M 08/28	7.4	Partial fractions	WW01 at 1159PM
	T 08/29		Worksheet 02	
	W 08/30	7.5	Special trig integrals ($\sin^2 x$, $\cos^2 x$,etc)	
	R 08/31		Worksheet 03	WW02 at 1159PM
	F 09/01	7.6	Special trig integrals ($\sqrt{a^2 - x^2}, 1/(a^2 + x^2)$)	
Week 3	M 09/04: Labor Day			
	T 09/05		Worksheet 04	WW03 at 1159PM
	W 09/06	7.7	Numerical integration: Trapezoid, Midpoint, Simpson	
	R 09/07		Worksheet 05	WW04 at 1159PM
	F 09/08	7.7	Numerical integration: Simpson, error	
Week 4	M 09/11	7.8	Improper integrals	WW05 at 1159PM
	T 09/12		Worksheet 06	
	W 09/13	11.1	Sequences as functions from $\mathbb{N}$ to $\mathbb{R}$	
	R 09/14		Worksheet 07	WW06 at 1159PM
	F 09/15	11.1	Sequences by recursion	
Week 5	M 09/18	Review		
	T 09/19		**Review Worksheet (08)**	
	T 09/19	Exam 01: 05:00–07:00 PM		
	W 09/20	11.2	Series	WW07 at 1159PM
	R 09/21		Worksheet 09	WW08 at 1159PM
	F 09/22	11.2	Series	
Week 6	M 09/25	11.3	Integral Test	
	T 09/26		Worksheet 10	WW09 at 1159PM
	W 09/27	11.4	Comparison and Limit Comparison Tests	
	R 09/28		Worksheet 11	WW10 at 1159PM
	F 09/29	11.5	Alternating series	
Week 7	M 10/02	11.6	Absolute and conditional convergence	
	T 10/03		Worksheet 12	WW11 at 1159PM
	W 10/04	11.6	Ratio and Root Tests	
	R 10/05		Worksheet 13	WW12 at 1159PM
	F 10/06	11.8	Power series	
Week 8	M 10/09	11.9	Representing functions as power series	
	T 10/10		Worksheet 14	WW13 at 1159PM
	W 10/11	11.10	Taylor series	
	R 10/12		Worksheet 15	WW14 at 1159PM
	F 10/13	11.10	Taylor polynomials and Taylor series as approximations	
Week 9	M 10/16	Review		
	T 10/17		Worksheet 16	
	Tues 10/17	Exam 02: 05:00–07:00 PM		
	W 10/18	6.5	Average value of a function	WW15 at 1159PM
	R 10/19		Worksheet 17	WW16 at 1159PM
	F 10/20	6.2	Volumes with known cross-section	
Week 10	M 10/23	6.2	Volumes of revolution	
	T 10/24		Worksheet 18	WW17 at 1159PM
	W 10/25	6.3	Volumes of revolution by shells	
	R 10/26		Worksheet 19	WW18 at 1159PM
	F 10/27	8.1	Arc length	
Week 11	M 10/30	8.2	Surface area	
	T 10/31		Worksheet 20	WW19 at 1159PM
	W 11/01	8.3	Centers of mass; moments	
	R 11/02		Worksheet 21	WW20 at 1159PM
	F 11/03	10.1	Parametric equations	
	M 11/06	10.2	Calculus with parametric equations	

	T 11/07		Worksheet 22	WW21 at 1159PM
	W 11/08	10.3	Polar coordinates	
	R 11/09		Worksheet 23	WW22 at 1159PM
	F 11/10	10.4	Calculus with polar coordinates	
Week 13	M 11/13	Review		
	T 11/14		Worksheet 24	
	Tues 11/14	Exam 03: 05:00–07:00 PM		
	W 11/15	10.4	Calculus with polar coordinates II	WW23 at 1159PM
	R 11/16		Worksheet 25	WW24 at 1159PM
	F 11/17	10.5	Conic sections	
Week 14	M 11/20	10.5	Conic sections	WW25 at 1159PM
	T 11/21		Worksheet 26	
	W 11/22	**Thanksgiving Break**		
	R 11/23			
	F 11/24			
Week 15	M 11/27	9.1	Modeling with differential equations	
	T 11/28		Worksheet 27	WW26 at 1159PM
	W 11/29	9.2	Direction fields	
	R 11/30		Worksheet 28	WW27 at 1159PM
	F 12/01	9.3	Separable equations	
Week 16	M 12/04	9.4	Logistic equation	
	T 12/05		Worksheet 29	WW28 at 1159PM
	W 12/06	Review		
	R 12/07		Worksheet 30	
	F 12/08	Review		
	M 12/11	**Final Exam 8:30–10:30 PM**		