

Ma 123 Calculus 2A: Series and Vector Functions							
Syllabus: 2013S1							
Text: Stewart, Calculus: Concepts & Contexts, 4e							
No.	Date	Topics	Text	Practice Problems	Due Date	Approx Content	Wk
L-1	14-Jan	Sequences, infinite series, partial sums	8.1,8.2	8.1: 8,18,21,22,27,29			1
W-1	15-Jan	Topics: 8.1, 8.2; Hw-1					
L-2	16-Jan	Geometric series, p-series, integral test	8.2,8.3	8.2: 9,14,26,38,42	WebEx-01	8.1	
	17-Jan			8.3: 5,14			
R-1	18-Jan	Review for WebEx-2 (8.1-8.3)			Hw-1	8.1-8.2	
NC	21-Jan	MLK Day; no classes					2
W-2	22-Jan	Topics: 8.2, 8.3; Hw-2					
L-3	23-Jan	Comparison tests, ratio test, alternating series	8.3,8.4	8.3: 19,25,30	WebEx-02	8.1-8.3	
	24-Jan			8.4: 4,9,16,21,24,26			
R-2	25-Jan	Review for WebEx-3 (8.2-8.4)				8.2-8.4	
L-4	28-Jan	Power series, convergence intervals	8.4, 8.5	8.5: 4,6,8,20			3
W-3	29-Jan	Topics: 8.1-8.4		ASC Review: 9:00 pm	Hw-2		
L-5	30-Jan	Power series representations	8.5, 8.6	8.6: 4,7,17,26,31	WebEx-03	8.2-8.4	
Ex	31-Jan	Exam-1: 5:00 pm; thru Lec-3, Ws-2, Hw-2			Gate-1	8.1-8.4	
R-3	1-Feb	Review for WebEx-4 (8.5-8.6)					
L-6	4-Feb	Taylor and Maclaurin series	8.6, 8.7	8.7: 2,12,17,30,42,50,54			4
W-4	5-Feb	Topics: 8.5-8.6; Hw-3					
L-7	6-Feb	Applications of Taylor Polynomials	8.7, 8.8	8.7: 2,12,17,30,42,50,54			
	7-Feb			8.8: 6,24,27	WebEx-04	8.5-8.6	
R-4	8-Feb	Review for WebEx-6 (8.7-8.8)			Hw-3	8.5-8.6	
L-8	11-Feb	Applications of Taylor Polynomials	8.7, 8.8	8.8: 6,24,27	WebEx-05	8.6-8.7	5
W-5	12-Feb	Topics: 8.7-8.8; Hw-4					
L-9	13-Feb	3D space, vectors	9.1, 9.2	9.1: 12,28,32	WebEx-06	8.7-8.8	
	14-Feb			9.2: 4,18,23,28,34	WebEx-07	9.1-9.2	
R-5	15-Feb	Review for WebEx-8 (8.8-9.2)			Hw-4	8.7-8.8	
NC	18-Feb	Presidents Day; no classes					6
L-10	19-Feb	The dot product	9.3	ASC Review: 9:00 pm	WebEx-08	9.1-9.2	
L-11	20-Feb	The cross product	9.4	9.3: 6,20,22,33,34,40			
Ex	21-Feb	Exam-2: 5:00 pm; thru Lec-9, Ws-5, Hw-4		9.4: 4,7,11,19,21	Gate-2	8.5-9.2	
R-6	22-Feb	Review for WebEx-9 (9.3-9.4)					
L-12	25-Feb	Lines and planes	9.5	9.5: 1,5,9,15,19,21,25,31,41	WebEx-09	9.3-9.4	7
W-6	26-Feb	Topics: 9.1-9.4; Hw-5					
L-13	27-Feb	Parametric curves; vector-valued functions	1.7,10.1	1.7: 1,3,5,13,24			
	28-Feb			10.1: 1,3,7,12,15,19-24,27	WebEx-10	9.5,1.7	
R-7	1-Mar	Review for WebEx-11 (9.5-10.4)		10.2: 5,9,11,15,21,27,32,33,37	Hw-5	9.1-9.4	
L-14	4-Mar	Calculus on curves; arc length, motion in space	10.2-10.4	10.3: 1,5,15			8
W-7	5-Mar	Topics: 10.1-10.4		ASC Review: 9:00 pm			
L-15	6-Mar	Review		10.4: 3,5,7,13,15,21,25	WebEx-11	9.5-10.4	
Fin	7-Mar	Final Exam: 5:00 pm; cumulative			Gate-3	9.3-10.4	
NC	8-Mar	No Class					
	11-Mar	Spring Recess: 3/10 - 3/16					
		WebAssign due at 9am on the date shown					
		Hw turned in on Tue or Fri; see "Due Dates"					
		ASC = Academic Support Center					