Calendar for Ma 113: Calculus - Fall 2009

Lecture	In-Class Activities	Due Dates	Optional Textbook Problems
Recitation	III-Old33 Activities	Due Dates	Optional Textbook Froblems
	1.1 - 1.4: Domain, Range; Linear and Quadratic Functions		p.74: 1,3,5,6,10,11,19; p. A15: 1,7,17,18,21,37; p. A23: 11,14,29,33
27-Aug	Pretest, Worksheet 1		
	1.6: Inverse Functions (w/o Log and Inverse Trig)		1.6: 1-13 odd,21,27,29,33,35
	1.5, 1.6: Exp. and Log. Functions (w/o e and In)		1.5: 1-11 odd; 1.6: 33,35,37
1-Sep	Worksheet 2, Assignment 1 handed out	Last day to add a class or drop for 80% refund	
2-Sep	2.1 The Tangent and Velocity Problem	A1 due by midnight	2.1: 1,3,5,7
	Worksheet 3, Quiz 1		
4-Sep	2.2 The Limit of a Function	A2	2.2: 1,5,7,9,13,15,25,27,33
	Labor Day - Academic Holiday		
	Worksheet 4		
	2.3 Limit Laws	A3, Assgn1 due in class	2.3: 1-15 odd,21,25,29
	Worksheet 5, Quiz 2, Assignment 2 handed out		
	2.5 Continuity	A4	2.5: 3-13 odd,16,19,21,23,35,37,41,47
	2.7 Derivatives and Rates of Change		2.7: 1-9 odd, 13,17,19,25,27,31
	Worksheet 6	A5	
16-Sep	§2.8 The Derivative as a Function	A6, Last day to drop	2.8: 1,3,5,9,19,23,25,35
	Worksheet 7, Quiz 3		
18-Sep	Review	A7, Assgn2 due in class	
	Review		
22-Sep	Worksheet 8		
	Exam 1, 7:30-9:30 PM, room TBA		
23-Sep	3.1 Derivatives of Poly. and Exp. Fct's (introduce e and ln)	Last day to withdraw for 50% refund	3.1: 1,3,5,7,15,17,21,23,31,33,39,47
24-Sep	Worksheet 9, Assignment 3 handed out		
25-Sep	3.2 The Product and Quotient Rules	B1	3.2: 1,3,7,11,15,23,27
28-Sep	Appendix D and 1.6: Trig and Inverse Trig Functions		App D: 1,7,13,19,20,29,31,33,35,43,51,59,65; 1.6: 59,61,63,65
	Worksheet 10		
	3.3 Derivatives of Trig Functions	B2	3.3: 1,5,9,15,17,21,33,39
1-Oct	Worksheet 11, Quiz 4		
	3.4 Chain Rule	B3, Assgn3 due in class	3.4: 1,5,9,19,23,35,47
5-Oct	3.5 Implicit Differentiation and Derivatives of Inverse Trig	B4	3.5: 1,5,11,19,21,27,33
	Worksheet 12, Assignment 4 handed out		
	3.6 Derivatives of Logarithms (w/o Logarithmic Diff'n)	B5	3.6: 3,7,13,19,33,37,43
	Worksheet 13, Quiz 5		
	3.7 Rates of Change	B6	3.7: 1,5,9,15,21,23
	3.8 Exponential Growth and Decay	B7	3.8: 3,5,7,11,13
13-Oct	Worksheet 14		
14-Oct	3.9 Related Rates	B8	3.9: 3,7,13,15,25,31,37,43
	Worksheet 15, Quiz 6		
16-Oct	Review	B9, Assgn4 due in class	

20-Oct Workshoet 16 4.11.5.9.11.13.17.21.25.29.33.34.41.49.51.57.61 22-Oct 4.1 Maximum and Minimum Values 4.1.5.9.11.13.17.21.25.29.33.34.41.49.51.57.61 22-Oct 4.2 The Mean Value Theorem C1	19-Oct	Review		
2-Oct Exam 2, 7:30-9:30 PM, room TB/				
21-Oct 4.1 Maximum and Minimum Values 4.1: 5,9,11,13,17,21,25,29,33,34,41,49,51,57,61 22-Oct 4.2 The Mean Value Theorem C1 4.2: 3,5,7,11,15,19,23,25 26-Oct 4.3 The Mean Value Theorem C1 4.2: 3,5,7,11,15,19,23,25 27-Oct Worksheert 20 4.3: 3,5,7,11,17,19,25,31 27-Oct Worksheert 20 2.6: 18,5,7,13,19,25,33,41,49,53(a) 29-Oct Worksheert 20 2.6: 3,5,7,13,19,25,33,41,49,53(a) 29-Oct Worksheert 20 2.6: 3,5,7,13,19,23,34,49,53(a) 29-Oct Worksheert 21 2.0\tau 2 2.6: 3,5,7,13,19,21,23,33,41,49,53(a) 29-Oct Worksheert 22 2.6: 3,5,7,13,19,21,23,33,34,49,53(a) 29-Oct Worksheert 23 2.0\tau 2 2.6: 3,5,7,13,19,21,23,33,33,37,49,53,55 29-Oct 2.6: 3,5,7,13,19,21,23,33,37,49,53,55 29-Oct 2.6: 3,5,9,13,17,19,27,31,39,51,53 29-Oct 20-Oct				
22-Oct Worksheet 17, Assignment 5 handed out C1				4 1: 5 9 11 13 17 21 25 29 33 34 41 49 51 57 61
23-Oct 4.2 The Mean Value Theorem C1 4.2: 3.5.7,11,15,19,23,25				0,0,11,10,11,21,20,20,00,01,11,10,01,01,01
28-Oct 4.3 How Derivatives Affect the Shape of a Graph 27-Oct Worksheet 18		, <u> </u>	C1	4.2: 3.5.7.11.15.19.23.25
2-Poct Worksheet 18 26 Limits at Infinity, Horizontal Asymptotes C2 2.6: 3,5,7,13,19,25,33,41,49,53(a) 2-Poct Worksheet 19, Qriz 7 C3, Assgn5 due in class 4.4: 1,3,5,9,17,21,29,43,55 2-Nov 4.5 Summary of Curve Sketching (w/o Slant Asymptotes) 4.5: 5,9,17,12,33,341 3-Nov Worksheet 20, Assignment 6 handed out 4-Nov 4.7 Optimization Problems C4 4.7: 3,5,11,13,17 5-Nov Worksheet 21, Quiz 8 6-Nov 4.7 Optimization Problems C5, Last day to withdraw 4.7: 19,33,55 9-Nov 3.10 Linear Approximation (w/o Differentials) 3.10:1,3,9,23,29; 4.8: 3,5,11,17,21,31,33 10-Nov Worksheet 22 C6				
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11-Dec Review	9-Dec	Review	D4	
	10-Dec	Worksheet 30		
15-Dec Final exam, 8:30-10:30 PM, room TB/	11-Dec	Review		
	15-Dec	Final exam, 8:30-10:30 PM, room TB/		