

Math 112
Fall 2008
Tentative Class Schedule

Date	Lecture	Important Information
Tuesday, Sept. 2	Intro	First day of classes
Wednesday, Sept. 3	1.1 – Four ways to represent a function	
Thursday, Sept. 4	1.2 – A catalog of essential functions	
Friday, Sept. 5	TA Session	Quiz 1
Monday, Sept. 8	1.3 – New functions from old functions	HW 1 Due
Tuesday, Sept. 9	TA Session, 1.4 – Graphing calculators	
Wednesday, Sept. 10	1.5 – Exponential functions	HW 2 Due
Thursday, Sept. 11	1.6 – Inverse functions and logarithms	
Friday, Sept. 12	TA Session	Quiz 2, Pretest due on the 13th
Monday, Sept. 15	Review	Exam 1 (Mon. 15-Wed. 17), HW 3 Due, Add/drop deadline
Tuesday, Sept. 16	TA Session	
Wednesday, Sept. 17	2.1/2.2 – Tangent and velocity problems/The limit of a function	
Thursday, Sept. 18	2.3 – Calculating limits	
Friday, Sept. 19	TA Session	Quiz 3
Monday, Sept. 22	2.3 – Calculating limits (cont'd)	HW 4 Due
Tuesday, Sept. 23	TA Session	
Wednesday, Sept. 24	2.4 – Precise definition of a limit	HW 5 Due
Thursday, Sept. 25	2.5 – Continuity	
Friday, Sept. 26	TA Session	Quiz 4
Monday, Sept. 29	2.6 – Limits at infinity, horizontal asymptotes	HW 6 Due
Tuesday, Sept. 30	TA Session	
Wednesday, Oct. 1	2.7 – Derivatives and rates of change	HW 7 Due
Thursday, Oct. 2	2.8 – The derivative as a function	
Friday, Oct. 3	TA Session	Quiz 5
Monday, Oct. 6	Review	Exam 2 (Mon. 6-Wed. 8), HW 8 Due, Withdraw Deadline
Tuesday, Oct. 7	TA Session	
Wednesday, Oct. 8	3.1 – Derivatives of polynomials and exponential functions	HW 9 Due
Thursday, Oct. 9	3.2 – The product and quotient rules	
Friday, Oct. 10	TA Session	Quiz 6
Monday, Oct. 13	3.3 – Derivatives of trig functions	HW 10 Due

Tuesday, Oct. 14	TA Session	
Wednesday, Oct. 15	3.4 – The chain rule	HW 11 Due
Thursday, Oct. 16	3.5 – Implicit differentiation	
Friday, Oct. 17	TA Session	Quiz 7
Monday, Oct. 20	3.6 – Derivatives of log functions	HW 12 Due
Tuesday, Oct. 21	TA Session	
Wednesday, Oct. 22	3.7 – Applications of rates of change	HW 13 Due
Thursday, Oct. 23	3.8 – Exponential growth and decay	
Friday, Oct. 24	TA Session	Quiz 8
Monday, Oct. 27	3.9 – Related rates	HW 14 Due
Tuesday, Oct. 28	TA Session	
Wednesday, Oct. 29	3.10/3.11 – Linear approx./Hyperbolic functions	HW 15 Due
Thursday, Oct. 30	Review	Exam 3 (Thurs. 30 – Mon. 3)
Friday, Oct. 31	TA Session	Quiz 9
Monday, Nov. 3	4.1 – Max and min values	HW 16 Due
Tuesday, Nov. 4	TA Session	
Wednesday, Nov. 5	4.2 – Mean value theorem	HW 17 Due
Thursday, Nov. 6	4.3 – Shapes of graphs with derivatives	
Friday, Nov. 7	TA Session	Quiz 10
Monday, Nov. 10	4.4 – Indeterminate forms and L'Hospital's rule	HW 18 Due
Tuesday, Nov. 11	TA Session	
Wednesday, Nov. 12	4.5 – Curve sketching	HW 19 Due
Thursday, Nov. 13	4.7 – Optimizations problems	
Friday, Nov. 14	TA Session	Quiz 11
Monday, Nov. 17	4.8 – Newton's method	HW 20 Due
Tuesday, Nov. 18	TA Session	
Wednesday, Nov. 19	4.9 – Antiderivatives	HW 21 Due
Thursday, Nov. 20	Review	Exam 4 (Thurs. 20-Mon. 24)
Friday, Nov. 21	TA Session, Appendix E – Sigma notation	Quiz 12
Monday, Nov. 24	5.1 – Areas and distances	HW 22 Due
Tuesday, Nov. 25	TA Session	
Wednesday, Nov. 26	No Classes	Thanksgiving Holiday
Thursday, Nov. 27	No Classes	Thanksgiving Holiday
Friday, Nov. 28	No Classes	Thanksgiving Holiday
Monday, Dec. 1	5.2 – The definite integral	HW 23 Due
Tuesday, Dec. 2	TA Session	

Wednesday, Dec. 3	5.3 – The Fundamental Theorem of Calculus	HW 24 Due
Thursday, Dec. 4	5.4 – Indefinite integrals and the Net Change Theorem	
Friday, Dec. 5	TA Session	Quiz 13
Monday, Dec. 8	5.5 – The substitution rule	HW 25 Due
Tuesday, Dec. 9	TA Session	Exam 5 (Tues. 9 – Thurs. 11)
Wednesday, Dec. 10	Review	HW 26 Due
Thursday, Dec. 11	Review	Last day of classes
Monday, Dec. 15	7-10am	FINAL