

Math 20A Fall Quarter 2011

Week	Monday	Tuesday	Wednesday	Thursday	Friday
0	19-Sep	20-Sep	21-Sep	22-Sep First day of classes (No discussion)	23-Sep 1.4, 1.5 Trigonometric functions, Inverse functions
1	26-Sep 1.6 Exponential and logarithm functions	27-Sep	28-Sep 2.1 Limits, rates of change, and tangent lines	29-Sep Discussion	30-Sep 2.2 Limits: a numerical and graphical approach
2	3-Oct 2.3, 2.4 Limit laws, Limits and continuity	4-Oct	5-Oct 2.5, 2.7 Evaluating limits algebraically, Limits at infinity	6-Oct Discussion	7-Oct 2.6 Trigonometric limits Quiz 1
3	10-Oct 2.8, 3.1 Intermediate value theorem Definition of the derivative,	11-Oct	12-Oct 3.2 The derivative as a function	13-Oct Discussion	14-Oct 3.3 Product and quotient rules Quiz 2
4	17-Oct 3.4, 3.5 Rates of change, Higher order derivatives	18-Oct Exam 1 8:00pm-8:50pm	19-Oct 3.6 Trigonometric functions	20-Oct Discussion	21-Oct 3.7 The chain rule (Last Day to Drop w/o 'W')
5	24-Oct 3.8, 3.9 Derivatives of inverse functions, Derivatives of exp and log	25-Oct	26-Oct 3.10, 3.11 Implicit differentiation, Related rates	27-Oct Discussion	28-Oct 3.11 Related rates (cont) Quiz 3
6	31-Oct 4.1 Linear approximations	1-Nov	2-Nov 4.2 Extreme values	3-Nov Discussion	4-Nov 4.3 Mean value theorem Quiz 4
7	7-Nov 4.4 The shape of a graph	8-Nov	9-Nov 4.5 L'Hôpital's rule	10-Nov Discussion	11-Nov Veteran's Day (No classes)
8	14-Nov 4.6 Graph sketching and asymptotes	15-Nov Exam 2 8:00pm-8:50pm	16-Nov 4.7 Applied optimization	17-Nov Discussion	18-Nov 4.9 Antiderivatives
9	21-Nov 5.1 Approximating and computing area	22-Nov	23-Nov 5.2 The definite integral	24-Nov Thanksgiving (No classes)	25-Nov Thanksgiving (No classes)
10	28-Nov 5.3 Fundamental theorem of calculus I (Last Day to Drop w/o 'F')	29-Nov	30-Nov 5.4 Fundamental theorem of calculus II	1-Dec Discussion	2-Dec Review
11			7-Dec Final Exam 7:00pm-10:00pm		