

Math 1501 J
Fall 2009
A. D. Andrew

Monday	Tuesday	Wednesday	Thursday	Friday
17 Aug 1.2: Review 1.3: Inequalities 1.4: Coord plane	18	19 1.5: Functions 1.6: Functions 1.7: Functions	20	21 2.1: Limits 2.2: Limits
24 2.3: Limit Theorems	25	26 Limits 2.4: Continuity	27	28 2.5: Pinching theorem 3.1: Differentiation
31 3.1: Differentiation 3.2: Diff rules	1 Sept	2 3.3: Higher derivatives 3.4: Rates	3	4 3.5: Chain rule
7 HOLIDAY	8	9 3.6: Trig functions 3.7: Implicit differentiation	10	11 3.7: Implicit differentiation 4.10: Related rates
14 4.10: Related rates 2.6: Continuity	15	16 4.12: Newton's method, differentials Review	17 TEST 1	18 11.1: LUB Axiom 11.2: Sequences
21 11.3: Limits of sequences	22	23 11.4 and webnotes: limits, exponentials, logarithms	24	25 PROGRESS REPORT GRADES 4.1: 4.2: Mean Value Theorem
28 4.3: Max/Min	29	30 4.4: Max/Min	1	2 4.5: Max/Min 4.6: Convexity
5 Oct HOLIDAY	6 HOLIDAY	7 4.6: Convexity 4.7: Asymptotes, cusps	8	9 4.7: Asymptotes, cusps 4.8: Curve sketching
12 4.9: Velocity, acceleration	13	14 5.1-5.4: Integration, FTC	15	16 DROP DAY 5.5: Area
19 5.6: Indefinite integrals 5.7: u-substitution	20	21 5.7: u-substitution Review	22 TEST 2	23 5.8: Properties of integral 5.9: MVT
26 6.1: Areas 6.2: Volumes	27	28 6.2,6.3: Volumes 6.4: Centroids	29	30 6.3-6.5: Volumes, centroids, work
2 Nov 6.6: Pressure and force	3	4 7.2, 7.3: Exponentials and logarithms	5	6 7.4-7.6: Exponential growth and decay

9 7.4-7.6: Exponential growth, powers, bases	10	11 8.2: Integration by parts	12	13 8.3: Integration of trig expressions
16 7.7: Inverse trig fcns 8.4: Trig substitutions	17	18 8.5: Partial Fractions REVIEW	19 TEST 3	20 8.5: Partial Fractions 8.4: Trig substitutions
23 Complex numbers	24	25 Complex numbers	26 HOLIDAY	27 HOLIDAY
30 Review	1	2 Dec Review	3	4 Review
7 EXAM WEEK	8	9	10	11