

Math 143, Spring 2009, Tentative Schedule

Monday	Tuesday	Thursday	Friday	
January 19 Martin Luther King Day	January 20 2.3–2.7 rules of differentiation	January 22 2.8 implicit differentiation	January 23 4.6 review of substitution	
January 26 4.7 numerical integration	January 27 Lab 18: numerical integration	January 29 5.2 volume by slicing	January 30 5.3 volume by shells	
February 2 Lab 14: arc length	February 3 5.4 arc length	February 5 Lab 15: mystery function	February 6 4.8 natural log	
February 9 6.1 basic integration	February 10 review	February 12 exam 1	February 13 6.2 integration by parts	
February 16 6.2 integration by parts	February 17 6.3 powers of trig functions	February 19 6.3 trig substitutions	February 20 6.4 partial fractions	
February 23 6.4 partial fractions	February 24 3.2 l'Hôpital's rule	February 26 6.6 improper integrals	February 27 6.6 improper integrals	
March 2 7.1 growth and decay	March 3 7.1 growth and decay	March 5 7.2 separable differential equations	March 6 7.2 separable differential equations	
March 16 7.3 Euler's method	March 17 Lab 25: Euler's method	March 19 7.4 systems of differential equations	March 20 review	
March 23 exam 2	March 24 8.1 sequences	March 26 Lab 19: sequences	March 27 limits of sequences	
March 30 algebra of limits	March 31 8.1 sequences	April 2 8.2 series	April 3 Lab 20: series	
April 6 8.3 integral test	April 7 8.3 comparison test	April 9 8.4 AST	April 10 8.5 absolute convergence	
April 13 8.5 ratio test	April 14 Lab 22: polynomials	April 16 8.6 power series	April 17 8.7 Taylor series	
April 20 8.7 Taylor series	April 21 8.8 applications of Taylor series	April 23 Honors Symposium	April 24 International Plaid Day review	
April 27 exam 3	April 28 8.8 applications of Taylor series	April 30 review	May 1	Saturday, May 2 final exam 11:30 am–1:30 pm