

Math 106 Winter 2009 Schedule

Week Starting	Text Sections	Other Activities
Jan 12	Brief Review (key ideas from 5.1-5.3) 5.4: Finding Antiderivatives: Substitution 6.1: Approximating Integrals Numerically (plus Simpson's Rule)	Lab Sign-up
Jan 19 (W[R]F only)	6.2: Error Bounds for Approximating Sums 6.3: Euler's Method (plus slope fields)	Lab: Substitution
Jan 26	7.1: Measurement and the Definite Integral; Arc Length 7.2: Finding Volumes by Integration	
Feb 2	7.4: Separating Variables Review	Lab: Applications of Integrals Review (Wed 7 p.m.)* Exam (Friday in class)
Feb 9	8.1: Integration by Parts 8.2: Partial Fractions 8.3: Trigonometric Antiderivatives	
Feb 16	Winter Recess	
Feb 23	8.3: Trigonometric Antiderivatives (continued) 8.4: Miscellaneous Antiderivatives 9.1: Taylor Polynomials 9.2: Taylor's Theorem	Lab: Techniques of Integration
Mar 2	10.1: Improper Integrals 10.2: Detecting Convergence; Estimating Limits	
Mar 9	10.3: Probability Review	Lab: Improper Integrals Review (Wed 7 p.m.)* Exam (Friday in class)
Mar 16	11.1: Sequences and their Limits 11.2: Series, Convergence, and Divergence 11.3: Testing for Convergence; Estimating Limits	
Mar 23	11.3 (continued) 11.4: Absolute Convergence; Alternating Series	Lab: Sequences and Series
Mar 30	11.5: Power Series 11.6: Power Series as Functions	
Apr 6	11.6: (continued) 11.7: Taylor Series Review	Lab: More on Series
Apr 13	No class	Review I (Mon 1 p.m.)* Review II (Wed 7 p.m.)* Final (Thur 3:45)

* All reviews will take place in Pettengill G52.