

### Math 106 Winter 2006 Schedule

<u>Week Starting</u>	<u>Text Sections</u>	<u>Other Activities</u>
Jan 2 (W[R]F only)	5.4: Finding Antiderivatives: Substitution 6.1: Approximating Integrals Numerically	Lab Sign-up
Jan 9	6.2: Error Bounds for Approximating Sums 6.3: Euler's Method (plus review of slope fields) Interlude: Simpson's Rule	
Jan 16 (W[R]F only)	7.1: Measurement and the Definite Integral; Arc Length 7.2: Finding Volumes by Integration	Lab: Tables of Integrals
Jan 23	7.3: Work 7.4: Separating Variables 8.1: Integration by Parts	
Jan 30	8.2: Partial Fractions Review	Lab: Applications of Integrals Review (Wed 7 p.m.)* Exam (Friday)
Feb 6	8.3: Trigonometric Antiderivatives 8.4: Miscellaneous Antiderivatives	
Feb 13	9.1: Taylor Polynomials 9.2: Taylor's Theorem	Lab: Techniques of Integration
Feb 20	Winter Recess	
Feb 27	10.1: Improper Integrals 10.2: Detecting Convergence; Estimating Limits	
Mar 6	10.3: Improper Integrals and Probability Review	Lab: Improper Integrals Review (Wed 7 p.m.)* Exam (Friday)
Mar 13	11.1: Sequences and their Limits 11.2: Series, Convergence, and Divergence 11.3: Testing for Convergence; Estimating Limits	
Mar 20	11.3 (continued) 11.4: Absolute Convergence; Alternating Series 11.5: Power Series	Lab: Sequences and Series
Mar 27	11.6: Power Series as Functions 11.7: Taylor Series	
Apr 3 (M only)	Review	Review I (Mon 7 p.m.)* Review II (Wed 1 p.m.)* Final (Fri 3:45)

\*These reviews are in Pettengill G21.