

**Math 106 Winter 2007 Schedule**

<u>Week Starting</u>	<u>Text Sections</u>	<u>Other Activities</u>
Jan 8	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 15 (W[R]F only)	6.2: Error Bounds for Approximating Sums 6.3: Euler's Method (plus review of slope fields)	Lab: Substitution
Jan 22	7.1: Measurement and the Definite Integral; Arc Length 7.2: Finding Volumes by Integration	
Jan 29	7.3: Work Review	Lab: Applications of Integrals Review (Wed 7 p.m.)* Exam (Friday in class)
Feb 5	7.4: Separating Variables 8.1: Integration by Parts 8.2: Partial Fractions	
Feb 12	8.3: Trigonometric Antiderivatives 8.4: Miscellaneous Antiderivatives	Lab: Techniques of Integration
Feb 19	Winter Recess	
Feb 26	9.1: Taylor Polynomials 9.2: Taylor's Theorem 10.1: Improper Integrals	
Mar 5	10.2: Detecting Convergence; Estimating Limits Review	Lab: Improper Integrals Review (Wed 7 p.m.)* Exam (Friday in class)
Mar 12	11.1: Sequences and their Limits 11.2: Series, Convergence, and Divergence 11.3: Testing for Convergence; Estimating Limits	
Mar 19	11.3 (continued) 11.4: Absolute Convergence; Alternating Series	Lab: Sequences and Series
Mar 26	11.5: Power Series 11.6: Power Series as Functions	
Apr 2	11.6: (continued) 11.7: Taylor Series Review	Lab: More on Series
Apr 9	No class	Review I (Mon 10 a.m.)* Review II (Tues 7 p.m.)* Final (Wed 3:45)

\* All reviews take place in Pettengill G52.