

### Math 106 Fall 2006 Schedule

<u>Week Starting</u>	<u>Text Sections</u>	<u>Other Activities</u>
Sep 4 (WF only)	Review (key ideas from 5.1-5.3) 5.4: Finding Antiderivatives: Substitution	Lab Sign-up
Sep 11	6.1: Approximating Integrals Numerically 6.2: Error Bounds for Approximating Sums 6.3: Euler's Method (plus review of slope fields)	Lab: Tables of Integrals
Sep 18	7.1: Measurement and the Definite Integral; Arc Length 7.2: Finding Volumes by Integration	
Sep 25	7.3: Work Review	Lab: Applications of Integrals Review (Wed 7 p.m.)* Exam (Friday in class)
Oct 2	7.4: Separating Variables 8.1: Integration by Parts 8.2: Partial Fractions	
Oct 9	8.3: Trigonometric Antiderivatives 8.4: Miscellaneous Antiderivatives	Lab: Techniques of Integration
Oct 16 (M only)	9.1: Taylor Polynomials	
Oct 23	9.2: Taylor's Theorem 10.1: Improper Integrals 10.2: Detecting Convergence; Estimating Limits	
Oct 30	10.3: Improper Integrals and Probability Review	Lab: Improper Integrals Review (Wed 7 p.m.)* Exam (Friday in class)
Nov 6	11.1: Sequences and their Limits 11.2: Series, Convergence, and Divergence 11.3: Testing for Convergence; Estimating Limits	
Nov 13	11.3 (continued) 11.4: Absolute Convergence; Alternating Series	Lab: Sequences and Series
Nov 20	Thanksgiving Recess	
Nov 27	11.5: Power Series 11.6: Power Series as Functions	
Dec 4	11.6: (continued) 11.7: Taylor Series Review	Lab: More on Series
Dec 11		Review I (Mon 2 p.m.)* Review II (Tue 7 p.m.)* Final (Thur 3:45)

\* All reviews take place in Pettengill G52.