

Date	Day	Topic
30-Aug	M	Euler's
1-Sep	W	Maple
3	F	Projects
6	M	Review (5.1, 5.2, 5.3) and Euler's as intro to numerical integration
8	W	Summation notation and intro to definition of integral
10	F	Riemann sums, formal definition of integral
13	M	Integrability, Trapezoidal Rule, Simpson's, Error bounds
15	W	Review of guess&check, tables, and substitution. Integration by Parts.
17	F	Partial fractions
20	M	Review
22	W	Review
24	F	GATEWAY EXAM
27	M	Area between Curves
29	W	Volumes by Revolution
1-Oct	F	Center of Mass / Goblet
4	M	Review
6	W	EXAM I
8	F	Reading Day
11	M	Separation of Variables
13	W	Logistic Equation
15	F	Taylor polynomials
18	M	Taylor polynomials and Taylor's Theorem
20	W	Taylor polynomials and Taylor's Theorem
22	F	Fourier polynomials
25	M	L'Hopital's Rule and Improper Integrals
27	W	Improper Integrals
29	F	Sequences
1	M	Sequences, Infinite series, Convergence
3	W	Geometric Series
5	F	Comparison Test, Integral Test, Ratio Test
8	M	Comparison Test, Integral Test, Ratio Test
10	W	Absolute Convergence, Alternating Series
12	F	Absolute Convergence, Alternating Series
15	M	Review of Series
17	W	EXAM II
19	F	Intro to Power Series
22-26	MWF	Thanksgiving Break
29	M	Power Series
1-Dec	W	Power Series, Taylor, Maclaurin
3	F	Taylor's Theorem

6	M	Topics
8	W	Topics
10	F	Topics, Review for final
17	F	FINAL EXAM -- 1:30-4:30pm