Tentative Course Schedule

Please use this as an approximate class schedule; section coverage may change depending on the flow of the course. Review days/topics may be changed or cancelled in the event of inclement weather.

Week and Dates	Section Coverage	Topics
Week 1 May 14-18	Section 4.8 Sections 5.1, 5.2 Section 5.3	Review of Derivatives/Anti-derivatives Area under the curve, Sigma Notation The Definite Integral
Week 2 May 21-25	Section 5.4 Sections 5.5-5.6	The Fundamental Theorem of Calculus Integration by Substitution, Area Between Curves
Week 3 May 28-June 1	Sections 7.1-7.2 Section 8.2 Sections 8.3-8.4	*Midterm #1 (Tues 5/29)* Logs, Exponentials and Separable DEQs Integration by Parts Integration of Products and Powers of Trig Functions
Week 4 June 4-8	Section 8.5 Section 8.7	Trigonometric Substitution Partial Fractions, Integrating Rational Functions Numerical Integration
Week 5 June 11-15	Section 4.5 Section 8.8 Sections 10.1-10.2	L'Hopital's Rule Improper Integrals Infinite Sequences and Series
Week 6 June 18-22	Section 10.3, 10.4	*Midterm #2 (6/19)* Integral Test, Comparison Tests
Week 7 June 25-29	Section 10.5 Sections 10.6, 10.7	Ratio and Root Tests, Convergence Tests Review Alternating Series, Power Series
Week 8 July 2-6	Section 10.5 Sections 10.6, 10.7	Ratio and Root Tests, Convergence Tests Review Alternating Series, Power Series
Week 9 July 9-13	Sections 10.8, 10.9 Section 10.9	*Midterm #3 (7/10)* Taylor and MacLaurin Series Power/Taylor Series Review
Week 10 July 16-20	Section 10.9 Sections 6.1, 6.2	Power/Taylor Series Review Volumes by Disks and Shells
Week 11 July 23-27	Final instructional class days	Review for final exam
Week 12 July 30-Aug 3	FINAL EXAM	*FINAL EXAM IS **THURSDAY AUGUST 2 AT 11:20 AM** in the lecture room*