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 January 8-12	Section 4.8 Sections 5.1, 5.2	Review of Derivatives/Anti-derivatives Area under the curve, Sigma Notation
Week 2 January 15-19	**January 15** Section 5.3 Section 5.4	**No class: MLK Holiday** The Definite Integral The Fundamental Theorem of Calculus *Quiz #1*
Week 3 January 22-26	Sections 5.5-5.6	Integration by Substitution, Area Between Curves
Week 4 January 29-February 2	Sections 7.1-7.2 Section 8.2	Logs, Exponentials and Separable DEQs Integration by Parts *Midterm #1*
Week 5 February 5-9	Sections 8.3-8.4	Integration of Products and Powers of Trig Functions Trigonometric Substitution
Week 6 February 12-16	Section 8.5 Section 8.7	Partial Fractions, Integrating Rational Functions Numerical Integration *Quiz #2*
Week 7 February 19-23	Section 4.5 Section 8.8	L'Hopital's Rule Improper Integrals
Week 8 February 26-March 2	Section 10.1-10.2	Sequences, Infinite Series *Midterm #2*
Week 9 March 5-9	Sections 10.3-10.4	The Integral Test, Comparison Tests
Week 10 March 12-16	Sections 10.5	Ratio and Root Tests Convergence Tests Review *Quiz #3*
Week 11 March 19-23	**Spring Break**	**No Class**
Week 12 March 26-30	Sections 10.6-10.7	Alternating Series, Power Series
Week 13 April 2-6	Sections 10.8-10.9	Taylor and MacLaurin Series *Midterm #3*
Week 14 April 9-13	Section 10.9	Taylor Series
Week 15 April 16-20	Sections 6.1, 6.2	Volumes by Disks and Shells *Quiz #4*
Week 16 April 23-24		Review for Final Exam *FINAL EXAM IS APRIL 26 AT 6:00 PM*