

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.

<i>Week and Dates</i>	<i>Section Coverage</i>	<i>Topics</i>
Week 1 Aug 20-24	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 Aug 27-31 Quiz #1 (4.8-5.3)	Section 5.4 Sections 5.5-5.6	The Fundamental Theorem of Calculus Integration by Substitution, Area Between Curves
Week 3 Sep 4-7	Sections 7.1-7.2	Logs, Exponentials and Separable DEQs
Week 4 Sep 10-14 Midterm #1 (9/11)	Section 8.2 Sections 8.3	Integration by Parts Integration of Products and Powers of Trig Functions
Week 5 Sep 17-21	Section 8.4 Section 8.5 Section 8.7	Trigonometric Substitution Partial Fractions, Integrating Rational Functions, Numerical Integration
Week 6 Sep 24-28 Quiz #2 (8.2-8.7)	Section 4.5 Section 8.8	L'Hopital's Rule Improper Integrals
Week 7 Oct 1-5	Sections 10.1-10.2	Infinite Sequences and Series
Week 8 Oct 10-12 Midterm #2 (10/11)	Section 10.3-10.4	Integral Test, Comparison Tests (Friday only)
Week 9 Oct 15-19	Section 10.3-10.4	Integral Test, Comparison Tests
Week 10 Oct 22-26 Quiz #3 (10.3-10.4)	Section 10.5	Ratio and Root Tests, Convergence Tests Review
Week 11 Oct 29-2 Quiz #4 (10.5)	Sections 10.6-10.7	Alternating Series, Power Series
Week 12 Nov 5-9 Quiz #5 (10.6-10.7)	Sections 10.8-10.9	Taylor and MacLaurin Series (or catch up week)
Week 13 Nov 12-16 Midterm #3 (11/13)	Section 10.8-10.9 Sections 6.1, 6.2	Power/Taylor Series Review Volumes by Disks and Shells
Week 14 Nov 19-20 Quiz #6 (10.9,6.1-6.2)	Section 10.9 Sections 6.1, 6.2	Power/Taylor Series Review Volumes by Disks and Shells
Week 15 Nov 26-30	Sections 6.1, 6.2 Review	Volumes by Disks and Shells Review for Final Exam
Week 16 Nov 3-4		FINAL EXAM IS THURSDAY DECEMBER 6 AT 6:00 PM-8:50PM in location TBD