

Fall 2018 Schedule
All readings are in ApexCalculus

Monday 10:30 – 11:20 SC 1314	Tuesday 1:00 – 1:50 SC 1314	Wednesday 10:30 – 11:20 SC 1314	Friday 10:30 – 11:20 SC 1314
Winter is Coming	8/28 Welcome to Class!	8/29 5.4 Reviews of trig and the FTC	8/31 6.1 Integration by Substitution HW 1 is due by 3:00pm
9/3 Happy Labor Day!	9/4 6.1 Integration by Parts	9/5 6.2 HW 2 —Integration by Parts	9/7 6.5 Partial Fractions
9/10 Class notes Application to ODEs	9/11 6.7 l'Hôpital's Rule/Limit Comp	9/12 6.8 HW 3 —Improper Integrals	9/14 6.8 Improper Integrals
9/17 7.4 Arclength	9/18 7.4 Arclength	9/19 9.3 HW 4 — Arclength	9/21 10.1 Vectors
9/24 Review	9/25 Exam I	9/26 10.2 – 10.3 Vectors	9/28 10.3 Vectors
10/1 10.5 Vectors	10/2 10.6 Vectors	10/3 11.1 – 11.2 HW 5 —Functions	10/5 11.2, 11.4 Functions
10/8 Happy Fall Break!	10/9 Happy Fall Break!	10/10 12.1 HW 6 — Functions	10/12 12.1 – 12.2 Functions
10/15 12.3 Partial Derivatives	10/16 12.3 Partial Derivatives	10/17 12.6 Gradients	10/19 12.6 Gradients
10/22 12.7 Gradients/Extreme Values	10/23 12.8 Extremes Values	10/24 13.1 Double Integrals <i>Mathematica</i>	10/26 13.2 Double Integrals HW 7
10/29 Review	10/30 Exam II	10/31 8.1 Sequences	11/2 8.1 Sequences
11/5 8.2 Series	11/6 8.2 Series	11/7 8.3 HW 8 — Integral Test	11/9 8.3, 8.4 Integral, Ratio, Limit Comparison Tests
11/12 8.4 Ratio, Root Tests	11/13 8.5 Alternating Series	11/14 8.6 HW 9 — Power Series	11/16 8.7 Taylor Polynomials
11/19 8.8 Taylor Series	11/20 Problems	11/21 Happy Thanksgiving!	11/23 Happy Thanksgiving!
11/26 8.8 Taylor Series	11/27 8.8 Convergence	11/28 8.8 HW 10 —Convergence	11/30 8.8 Differentiation/Integration
12/3 TBA	12/4 Problems	12/5 Review HW 11	12/7 Exam III Last Day!

The OPTIONAL final exam begins Monday, December 10, 2pm