Monday	Tuesday	Wednesday	Thursday	Friday
1/5	**1/6**	**1/7**	**1/8** P: Review of Integration	**1/9** 5.5 - Change of Variables (u-Substitution) WebAssign - Review of Integration
1/12 5.5 - Change of Variables (u-Sub) (cont)	**1/13** 7.1 - Integration by Parts WebAssign 5.5 - u-substitution	**1/14** 7.1 - Integration by Parts (cont) A: Integration by Parts - Choosing u & dv	**1/15** P: Trig Review and Big 12 Trig Integrals HW 1 due	**1/16** 7.2 - Trig Integrals A: Trig Integrals - Powers of Sin and Cos WebAssign 7.1 - Integration by Parts
1/19 MLK Jr Day No Classes	**1/20** 7.2 - Trig Integrals with Sec and Tan	**1/21** 7.3 - Trig Sub WebAssign 7.2 - Trig Integrals	**1/22** P: Approximate Integration HW 2 due	**1/23** 7.3 - Trig Sub (cont) WebAssign 7.7 - Approximate Integration
1/26 7.4 - Partial Fractions A: Partial Fractions WebAssign 7.3 - Trig Sub	**1/27** 7.4 - Partial Fractions (cont) A: Integrals Big Picture	**1/28** 7.8 - Improper Integrals A: Improper Integrals WebAssign 7.4 - Partial Fractions	**1/29** P: Comparison of Improper Integrals HW 3 due	**1/30** 9.1 - Differential Equations 9.3 - Separable Differential Equations WebAssign 7.8 - Improper Integrals

Monday	Tuesday	Wednesday	Thursday	Friday
2/2 6.1 - Area Between Curves 6.2 - Volumes of Solids by Cross Sections WebAssign 9.1/9.3 - Differential Equations	**2/3** 6.2 - Volumes - Method of Disks/Washers WebAssign 6.1 - Areas	**2/4** 6.3 - Volumes by Shells	**2/5** P: Solids with Known Cross Sections HW 4 due	**2/6** 6.3 - Volumes by Shells (cont) WebAssign 6.2 - Volumes by Washers and Cross Sections
2/9 In-class Review Midterm Exam 1 5:45–7:15pm	**2/10** 6.4 - Work A: Applications of Integration WebAssign 6.3 - Volumes by Shells	**2/11** 6.4 - Work 8.3 - Center of Mass	**2/12** P: Volumes & Work Practice HW 5 due	**2/13** 8.3 - Center of Mass (cont) WebAssign 6.4 - Work
2/16 10.1 - Parametric Equations WebAssign 8.3 - Moments and Center of Mass	**2/17** 10.2 - Tangents to Parametric Curves WebAssign 10.1 - Parametric Equations	**2/18** 10.2 & 8.1 - Arc Length A: Arc Length	**2/19** P: Parametric Matching HW 6 due	**2/20** 10.3 - Intro to Polar Coordinates A: Polar Coordinate Practice WebAssign 10.2 - Calculus with Parametric Equations

Monday	Tuesday	Wednesday	Thursday	Friday
2/23 10.4 - Calculus in Polar Coordinates WebAssign 8.1/10.2 - Arc Length	**2/24** 10.4 - Calculus in Polar Coordinates (cont) A: Area Between Polar Curves WebAssign 10.3 - Polar Coordinates	**2/25** 11.1 - Sequences	**2/26** Reading Day No Classes	**2/27** 11.1 - Sequences (cont) A: Sequences - Sorting Rates of Growth and Decay HW 7 due WebAssign 10.4 - Calculus with Polar
3/2 11.2 - Series WebAssign 11.1 - Sequences	**3/3** 11.2 - Series (cont)	**3/4** A: Geometric Series	**3/5** P: Integral Test HW 8 due	**3/6** 11.3 - Integral Test, p-series WebAssign 11.2 - Series
3/9 In-class Review Midterm Exam 2 5:45–7:15pm	**3/10** 11.4 - The Comparison Tests A: Intro to the Comparison Tests	**3/11** 11.4 - The Comparison Tests A: Comparison Test Practice WebAssign 11.3 - Integral Test and p-series	**3/12** P: Comparison Test Big Picture HW 9 due	**3/13** 11.5 - Alternating Series A: Alternating Series Test WebAssign 11.4 - Comparison Tests
3/16 Spring Break No Classes	**3/17** Spring Break No Classes	**3/18** Spring Break No Classes	**3/19** Spring Break No Classes	**3/20** Spring Break No Classes

Monday	Tuesday	Wednesday	Thursday	Friday
3/23 11.5 - Absolute Convergence WebAssign 11.5 - Alternating Series Test	**3/24** 11.5 - Absolute Convergence 11.6 - Ratio Test	**3/25** 11.6 - Ratio Test	**3/26** P: Series Big Picture HW 10 due	**3/27** 11.5 - Series Approximation - AST Remainder A: Alternating Series Remainder Estimate WebAssign 11.5/11.6 - Absolute Convergence/Ratio Test
3/30 11.3 - Series Approximation - Integral Test Remainder	**3/31** A: Intro to Taylor Polynomials WebAssign 11.5/11.3 - AST & Integral Test Remainder Estimates	**4/1** 11.10 - Taylor Polynomials	**4/2** P: Intro to Power Series HW 11 due	**4/3** Review A: Series Matching WebAssign 11.10 - Taylor Polynomials
4/6 11.8 - Power Series	**4/7** 11.8 - Power Series (cont)	**4/8** 11.9 - Representing Functions with Power Series WebAssign 11.8 - Power Series	**4/9** P: Making New Series from Power Series HW 12 due	**4/10** 11.10 - Taylor Series WebAssign 11.9 - Rep. of Functions with Power Series
4/13 In-class Review Midterm Exam 3 5:45–7:15pm	**4/14** 11.10 - Taylor Series (cont) A: Building New Taylor Series from Known	**4/15** A: Taylor Series Matching A: Using Known Maclaurin Series to Find Sums WebAssign 11.10 - Taylor Series (part 1)	**4/16** P: Practice with Taylor Series HW 13 due	**4/17** 11.10/11.11 - Taylor's Inequality WebAssign 11.10 - Taylor Series (part 2)

Monday	Tuesday	Wednesday	Thursday	Friday
4/20 11.10/11.11 - Taylor's Inequality (cont)	**4/21** 11.10/11.11 - Taylor's Inequality (cont)	**4/22** A: Taylor Polynomial Remainder Practice WebAssign 11.10/11.11 - Taylor's Inequality	**4/23** P: Review Bingo HW 14 due	**4/24** Review
4/27	**4/28**	**4/29** Final Exam 7:30–10:00am	**4/30**	**5/1**