

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
May 25th  	26th  5.5 - Change of Variables ( $u$ -substitution)  A: Mechanics of $u$ -Sub	27th  7.1 - Integration by Parts  A: Geometric Interpretation of $u$ -sub  WebAssign - Review of Integration	28th  7.1 - Integration by Parts (cont)  A: Integration by Parts  WebAssign 5.5 - $u$ -sub	29th  7.2 - Trig Integrals  A: Trig Integrals with Sin and Cos  WebAssign 7.1 - Integration by Parts  Written HW 1 due 5/31
June 1st 7.2 - Trig Integrals (cont)  A: Trig Integrals with Sec and Tan  WebAssign 7.2 - Trig Integrals	2nd 7.3 - Trig Sub	3rd 7.3 - Trig Sub (cont)	4th 7.4 - Partial Fractions  A: Partial Fractions  WebAssign 7.3 - Trig Sub	5th 7.4 - Partial Fractions (cont)  A: Choosing Technique of Integration  Written HW 2 due 6/7
8th 7.8 - Improper Integrals and  7.7 Approximate Integration  A: Approximate Integration  WebAssign 7.4 - Partial Fractions	9th 7.8 - Improper Integrals (cont)  A: Improper Integrals	10th 7.8 - Improper Integrals (cont)  A: Comparison of Improper Integrals  WebAssign 7.7 - Approximate Integration  Quiz 1 (5.5-7.7)	11th 6.1 - Area Between Curves  6.2 - Volumes of Solids with Known Cross Sections  A: Solids with Known Cross Sections  WebAssign 7.8 - Improper Integrals	12th 6.2 - Volumes by Cross Sections - Method of Disks/Washers  WebAssign 6.1 - Areas  Written HW 3 due 6/14

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
15th 6.3 - Volumes by Shells	16th 6.3 - Volumes by Shells (cont) and  6.5 - Average Value of Function  A: Area and Volume Practice	17th 6.4 - Work  A: Applications of Integration  WebAssign 6.2 - Volumes by Cross Sections	18th 6.4 - Work (cont)  WebAssign 6.3 - Volumes by Shells  Written HW 4 due 6/21	19th Juneteenth No Classes
22nd 8.3 - Center of Mass  WebAssign 6.5 - Avg Value	23rd 10.1 - Parametric Equations  A: Parametric Matching  WebAssign 6.4 - Work	24th 10.2 - Calculus with Parametric Equations  WebAssign 8.3 - Moments and Center of Mass  Quiz 2 (6.1-6.5, 7.8, 8.3)	25th 8.1 & 10.2 - Arc Length  A: Arc Length  WebAssign 10.1 - Parametric Equations	26th 8.1 & 10.2 - Arc Length (cont)  Written HW 5 due 6/28
29th 10.3 - Intro to Polar Coordinates  A: Polar Coordinate Practice  WebAssign 10.2 - Calculus with Parametric Equations	30th 10.4 - Calculus with Polar Coordinates	July 1st 10.4 - Calculus with Polar Coordinates (cont)  WebAssign 8.1/10.2 - Arc Length	2nd 11.1 - Sequences  A: Sorting Rates of Growth and Decay  WebAssign 10.3 - Polar Coordinates  Written HW 6 due 7/5	3rd Independence Day No Classes

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
6th 11.2 - Series  WebAssign 10.4 - Calculus with Polar	7th 11.2 - Series (cont)  A: Geometric Series  WebAssign 11.1 - Sequences	8th 11.3 - Integral Test, $p$ -series  A: Integral Test  WebAssign 11.2 - Series  Quiz 3 (8.1, 10.1-10.4, 11.1)	9th 11.4 - Direct Comparison Test  A: Direct and Limit Comparison Tests	10th 11.4 - Limit Comparison Test  WebAssign 11.3 - $p$ -Series and Integral Test  Written HW 7 due 7/12
13th 11.4 - Comparison Test Practice  A: Comparison Test Practice  A: Comparison Test Big Picture	14th 11.5 - Alternating Series  A: Alternating Series Test	15th 11.5 - Absolute Convergence	16th 11.6 - Ratio Test  WebAssign 11.4 - Comparison Tests	17th 11.5 - Series Approximation (Alternating Series Remainder)  A: Alternating Series Remainder Estimate  WebAssign 11.5 - Alternating Series  Written HW 8 due 7/19
20th 11.3 - Series Approximation (Integral Test Remainder)  WebAssign 11.5/11.6 - Absolute Conver- gence/Ratio Test	21st 11.10 - Taylor Polynomials  A: Intro to Taylor Polynomials  WebAssign 11.5/11.3 - AST & Integral Test Remainder Estimates	22nd 11.8 - Power Series  P: Intro to Power Series  Quiz 4 (11.2-11.6)	23rd 11.9 - Representing Functions with Power Series  A: Making New Series from Power Series  WebAssign 11.10 - Taylor Polynomials	24th 11.10 - Taylor Series  A: Taylor Series Matching  WebAssign 11.8 - Power Series  Written HW 9 due 7/26

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
27th 11.10 - Taylor Series (cont)  A: Building New Taylor Series from Old  WebAssign 11.9 - Power Series Rep. of Functions	28th 11.11 - Error in Taylor Series  WebAssign 11.10 - Taylor Series (part 1)	29th 11.11 - Error in Taylor Series (cont)  A: Taylor Polynomial Remainder Practice	30th Taylor Series Applications  A: Taylor Series Applications  WebAssign 11.10 - Taylor Series (part 2)  WebAssign 11.11 - Taylor Series Remainder Estimate  Written HW 10 due 7/30	31st Review  A: Review  Final Quiz