

WebAssign due dates are all by 11:59 pm on Sundays for weeks 1 through 9 and on Thursday August 8 for week 10.

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
June 3rd 1 Change of variables (u/du-sub) (5.5) Activity: Mechanics of u/du subs	4th 2 Activity: Geometric Interpretation of u-sub Integration by parts (5.6) EWA 5.5	5th 3 Integration by parts (5.6) continued Activity: Integration by Parts	6th 4 Trig Integrals (5.7 part I) Activity: Trig Integrals with Sin and Cos EWA 5.6	7th 5 Trig Integrals (5.7 part I) continued Activity: Trig Integrals with Sec and Tan Homework 1 due 6/9 EWA 5.7 (Part 1: Trig Integrals)
10th 6 Trig sub (5.7 part II)	11th 7 Trig sub (5.7 part II) continued Midterm 1 (5.5-5.7 part I)	12th 8 Partial Fractions (5.7 part III) Activity: Partial Fractions EWA 5.7 (Part 2: Trig Sub)	13th 9 Partial Fractions (5.7 part III) continued Activity: Choosing a Technique of Integration	14th 10 Activity: Approximate Integration Improper Integrals using Limits (5.10) EWA 5.7 (Part 3: Partial Fractions) Homework 2 due 6/16

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
17th 11	18th 12	19th	20th 13	21st 14
Improper Integrals using Limits (5.10) continued Activity: Improper Integrals	Improper Integrals by Comparison (5.10) Activity: Comparison Tests for Improper Integrals EWA 5.9	Juneteenth No Class	Areas of Regions (6.1) Volumes of Solids by Cross-Section (6.2) Activity: Solids with Known Cross Sections EWA 5.10	Volumes of Solids of Revolution Disk-Washer Method (6.2) Homework 3 due 6/23 EWA 6.1
24th 15	25th 16	26th 17	27th 18	28th 19
Volumes of Solids of Revolution by Cylindrical Shells (6.3)	Volumes of Solids of Revolution by Cylindrical Shells (6.3) continued Average Value of Function (6.5) Midterm 2 (5.7 Part II- 6.1)	Application of Integration: Work (6.6) EWA 6.2	Application of Integration: Work (6.6) continued Application of Integration: Moments and Center of Mass (6.6) EWA 6.3	Application of Integration: Moments and Center of Mass (6.6) continued Homework 4 due 6/30 EWA 6.5

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
July 1st 20 Parametric Equations (1.7) EWA 6.6 (Part 1)	2nd 21 Calculus of Parametric Equations (3.4) EWA 6.6 (Part 2)	3rd 22 Calculus of Parametric Equations (3.4) continued EWA 1.7	4th Independence Day No Class	5th No Class Homework 5 due 7/7
8th 23 Arc Length (6.4) Polar Coordinates (Appendix H.1) EWA (Calculus of Parametric Equations)	9th 24 Polar Coordinates (Appendix H.1) continued Midterm 3 (6.1- 6.6)	10th 25 Area and Arc Length in Polar Coordinates (Appendix H.2) EWA 6.4	11th 26 Area and Arc Length in Polar Coordinates (Appendix H.2) continued Sequences (8.1) EWA Appendix H.1 (Polar Coordinates)	12th 27 Sequences (8.1) Activity: Sorting Rates of Growth and Decay Activity: Sorting Sequences Homework 6 due 7/14 EWA (Area and Arc Length in Polar Coordinates)

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
15th 28	16th 29	17th 30	18th 31	19th 32
Series, Convergence of Series, Divergence Tests (8.2) Telescoping Series (8.2) EWA 8.1	Geometric Series (8.2) Activity: Geometric Series	p-series and the Integral Test (8.3) Activity: Integral Test EWA 8.2 due tonight	Direct Comparison Test (8.3) Activity: Direct Comparison Test EWA 8.3 (Part 1: p-series and Integral Test)	Limit Comparison Test (8.3) Activity: Limit Comparison Test Homework 7 due 7/21
22nd 33	23rd 34	24th 35	25th 36	26th 37
Activity: Comparison Test Practice Activity: Comparison Test Big Picture	Alternating Series (8.4) Midterm 4 (1.7-8.3 (Integral Test))	Alternating Series (8.4) continued Absolute Convergence and Ratio Test (8.4) EWA 8.3 (Part 2: Comparison Tests)	Absolute Convergence and Ratio Test (8.4) continued Activity: Series Matching EWA 8.4 (Part 1: Alternating Series)	Activity: Series Big Picture Series Approximation Alternating Series Remainder (8.4) Homework 8 due 7/28 EWA 8.4 (Part 2: Absolute Convergence and Ratio Test)

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
29th 38	30th 39	31st 40	Aug 1st 41	2nd 42
Series Approximation Integral Test Remainder (8.3) Taylor Polynomials (8.7) EWA 8.4 (Part 3: Alternating Series Remainder Estimate)	Taylor Polynomials (8.7) continued Activity: Introduction to Power Series EWA 8.3 (Integral Test Remainder Estimate)	Power Series (8.5) Activity: Making New Power Series from Power Series	Representing Functions with Power Series (8.6) Taylor Series (8.7) EWA 8.5	Taylor Series (8.7) continued Activity: Taylor Series Matching Activity: Building New Taylor Series from Old Homework 9 due 8/4 EWA 8.6
5th 43	6th 44	7th 45	8th 46	9th 47
Error in Taylor Series Approximation (8.7) EWA 8.7 (Part 1: Taylor Series)	Activity: Taylor Polynomial Remainder Practice Midterm 5 (8.3 Comparison Tests-8.6)	Error in Taylor Series Approximation (8.7) continued Review EWA 8.7 (Part 2: Taylor Series)	Review EWA 8.7 - 8.8 (Part 3: Taylor Series Remainder Estimate) Homework 10 due	Review Final Exam (Comprehensive)