

BC CALCULUS
JANUARY 2012

Monday	Tuesday	Wednesday	Thursday	Friday
		4 Derivatives of Inverse Functions: p. 420 # 3 – 19 odd, 20 – 22, 33 – 43 odd	5 Lab: CW 15/16 Diff/Int Natural Log: p. 458 # 1 – 37 e.o.o., 41 – 45 odd, 55 – 71 odd, 74, 75, 83	6 Diff/Int Exp: p. 465 # 1 – 41 e.o.o., 45 – 55 odd, 59 – 62, 69 – 79 odd, 83, 84
9 Bases other than e: p. 475 # 3 – 17 odd, 21 – 47 odd	10 Quest: Inverse, ln, and e (no other bases)	11 Inverse Trig: p. 483 # 1 – 13 odd, 23 – 33 odd, 43, 45, 49, 57, 58, 59 – 69 odd, 72, 73	12 Lab: Ch 7 L'Hopital: p. 501 # 1 – 61 e.o.o., 67, 73	13 Quest: Bases other than e, Inverse Trig
16 Holiday—MLK	17 Integration by Parts/Tabular: p. 516 # 1 – 25 omit 17, 33, 35, 51, 55, 57	18 Trig Integrals: p. 524 # 1 – 39 odd, 45, 53, 55, 59, 63	19 Lab: Ch 8 Practice Quest L'hospital, Parts	20 Partial Fractions: p. 540 # 7 – 17 odd, 60
23 Numerical Methods: p. 563 # 1, 8, 13, 29, 33	24 Improper Integrals: p. 574 # 5 – 37 e.o.o., 41, 43; p. 595 # 25, 26	25 Quest: Trig Integrals, Partial Fractions, Numerical Methods	26 Lab: Finish Ch 7/8 Labs p. 504 T/F # 1 – 18 omit 15; p. 576 T/F # 1 – 14	27 Test: Integration Techniques (Ch. 7 & 8)
30 Diff Eq & Solving Separable DEs: p. 627 # 3, 5, 6, 9; p. 643 # 1 – 19 odd, 20, 33	31 Slope Fields & Euler's Method: p. 634 # 1, 3 – 6, 21			

BC CALCULUS
FEBRUARY 2012

Monday	Tuesday	Wednesday	Thursday	Friday
		1 Exp Growth & Decay: p. 656 # 1, 3, 5, 9, 13, 17	2 Lab: Ch. 10 Logistic Equation: p. 665 # 1, 2, 7	3 Quiz: Differential Equations, Slope Fields, Euler's Method
6 Parametric & Polar Reviews: CW 18/19	7 AMC in class Take Home Test: Ch. 10 Due Friday	8 Calculus of Parametrics: p. 702 # 3, 7, 13, 17, 19, 31, 37, 39	9 Parent Conferences—No classes	10 Vector Motion: WS Vectors and Parametrics
13 Quiz: Parametrics Calculus of Polars: p. 719 # 3 – 13 odd	14 Continue Calculus of Polars: p. 719 # 15 – 35 odd	15 Lab: Ch. 11	16 Lab: Ch. 11 questions Quest: Parametric, Vector, and Polar	17 Faculty Inservice—No classes
20 Holiday—President's Day	21 Sequences: p. 746 # 3 – 39 odd	22 Series: p. 756 # 9, 11 – 31 e.o.o., 41 – 45 odd, 47, 67	23 Quiz: Sequences and Series Integral Test: p. 765 # 3 – 25 odd	24 Comparison Tests: p. 770 # 3 – 31 odd
27 Alternating Series: p. 775 # 3 – 9 odd	28 Absolute & Conditional Conv: WS circled problems	29 Ratio and Root Tests: p. 781 # 3 – 27 odd		

BC CALCULUS**MARCH 2012**

Monday	Tuesday	Wednesday	Thursday	Friday
			1 Lab: Mixed Testing p. 784 # 1 – 37 odd (identify test to use only) Lab: Convergence Tests	2 Practice Test: Sequences and Series
5 Power Series: p. 789 # 3 – 19 odd, 23, 27, 31, 32, 35	6 Test: Sequences and Series	7 Common Power Series: p. 795 # 3 – 19 odd, 23, 27, 31, 32, 35	8 Lab: Power Series Taylor and Maclaurin Polynomials: p. 819 # 3 – 6, 9, 13a, 19a (use substitution when possible!)	9 Quiz: Power Series and Common Power Series
12 Taylor and Maclaurin Series: p. 806 # 3 – 17 odd, 23, 25, 27, 53	13 Error Analysis: p. 806 # 19, 37, 43; p. 819 # 13b, 19b	14 Lab: Ch. 12	15 Double Period: Lab	16 Test: Ch. 12
19 Interim	20 Interim	21 Interim	22 Interim	23 Interim
26 Spring Break	27 Spring Break	28 Spring Break	29 Spring Break	30 Spring Break

BC CALCULUS**APRIL 2012**

Monday	Tuesday	Wednesday	Thursday	Friday
2 Review: Limits and Derivatives	3 Review: Apps Derivative/Definite Integrals	4 Review: Apps Integration	5 Double Review: Sequences and Series	6 Review: Integration Techniques/Apps of Integration
9 CW: FR 1 HW: FR 2	10 Discuss FR 1 & 2	11 CW: MC 1 HW: MC 2	12 Lab: MC 3 CW: MC 4	13 Discuss MC 1 - 4
16 CW: FR 3 HW: FR 4	17 Discuss FR 3 & 4	18 CW: FR 5 HW: FR 6	19 Lab: MC 5 CW: MC 6	20 Discuss FR and MC 5 & 6
23 CW: FR 7 HW: FR 8	24 CW: FR 9 HW: FR 10	25 Discuss FR 7 – 10	26 Lab: MC 7 CW: MC 8	27 Discuss MC 7 & 8
30 Mock AP: Calculator FR (45 minutes)				

BC CALCULUS**MAY 2012**

Monday	Tuesday	Wednesday	Thursday	Friday
	1 Mock AP: Non-Calculator FR (45 minutes)	2 Mock AP: Calculator MC (50 minutes)	3 Mock AP: Non-Calculator MC (55 minutes)	4 Discuss Mock AP
7 AP Chem	8 AP Spanish Language	9 AP Calculus AB & BC	10 AP Literature & Composition AP Latin: Vergil	11 AP US History
14 AP Biology AP Phys B/C	15 AP US Government	16 AP Language and Composition	17	18