Calculus BC

2nd Nine Weeks 2007-2008 part 1

Monday	Tuesday	Wednesday	Thursday	Friday
Oct 29 Sect. 4.2 continued pg. 270 #47-69 odds, 71, 72, 76 & 78	*Oct 30* Review of Optimization problems	*Oct 31* Review for test on sections 3.7-3.9	*Nov 1* **Test on Ch. 3.7-3.9**	*Nov 2* AP Quizzes
Nov 5 Section 4.3: Riemann Sums and definite Integrals Pg. 277 #3-75 x 3	*Nov 6* **Section 4.4: The Fundamental Theorem of Calculus pg. 291 #3-51 x 3, 55-60 all**	*Nov 7* Section 4.5: Integration by substitution pg. 304 #3- 60 x 3	*Nov 8* Sectio 4.5 continued pg. 305 #63-105 odds, 106-110 all, 125-130 all	*Nov 9* District Staff Development (Student Holiday)
Nov 12 Sect. 4.6: Numberical Integration - Trapezoidal Rule pg. 314 #1,7,15,23,25,29,31,51 Trapezoid rule only	*Nov 13* Sect. 4.6 Numberical Integration - Simpson's Rule pg. 314 #1,7,15,23,25,29,31,51 Simpson's rule only	*Nov 14* Review for test on Chapter 4	*Nov 15* **Test on Chapter 4**	*Nov 16* Sect. 5.1: The natural log function: Differentiation pg. 329 #3-96 x 3, 103, 104, 109
Nov 19 Thanksgiving Break	*Nov 20* Thanksgiving break	*Nov 21* Thanksgiving break	*Nov 22* 	*Nov 23* Thanksgiving break
Nov 26 Sect 5.2: The Natural Log function : Integration pg. 338 #4-96 x 4, 97-102 all	*Nov 27* Sect. 5.3: Inverse Functions: pg 347 #4-100 x 4, 101-104 all	*Nov 28* Sect. 5.4: Exponential functions Differentation and Integration pg. 356 #3-63 x 3	*Nov 29* Section 5.4 continued Pg. 357 #65-110 odds	*Nov 30* Sect. 5.5 Bases other than e and applications pg. 366 #4-112 x 4
Dec 3 Sect. 5.6: Inverse Trig differentation pg. 377 #3-99 x 3	*Dec 4* Sect. 5.7: Inverse Trig Integration pg. 385 #3-69 x 3, 75-78 all	*Dec 5* **Review for test on Ch. 5**	*Dec 6* **Test on Ch. 5**	*Dec 7* Sect. 6.1: Slope fields and Euler's method pg. 409 #3-90 x 3
Dec 10 Sect. 6.2 Differential Equations and Growth and Decay pg. 418 #3-72 x 3, 73-76 all	*Dec 11* Sect. 6.3: Separation of variables and logistic equation pg. 429 #3-78 x 3, 79, 85-88 all	*Dec 12* **Review for test on Ch. 6**	*Dec 13* **Test on Ch. 6**	*Dec 14* Sect. 7.1: Area of a region pg. 452 # 3-93 x 3
Dec 17 Sect. 7.2 Volume: The disk method pg. 463 #3-51 x 3	*Dec 18* Sect. 7.2 continued: Volume by slicing pg 464 #53-77 odds & #62	*Dec 19* Sect. 7.3: Volume: the shell method pg. 472 #3-57 x 3	*Dec 20* **Winter break**	*Dec 21* **Have a safe and happy holiday!**

Tutorials are available before school each day in my office (A 115) or in the classroom