SCHEDULE

October-26-13 9:09 PM

	Topics Journal & Assign are based on this	HW Handouts , instead of textbook optional unless highlighted in which case choose some questions at your own discretion, However, do not just do easy ones and not just one question per topic, I suggest do at least 2 pages of written practice per night/topic	To Read	Lesson Videos + Practice Questions with Full Solutions	Summaries + Problems with Video Solutions	TI - 89 Calculator Activities	Applets Interactive Tutorials + Quizzes + Videos of tutorials + Graphers available at http://www.zweigmedia.com/tcpage.html#ed6#en#calc
	Optional Activity (from Discrete Unit)	http://mrsk.ca/AP/ActivityInductionProofsSigmaProperties.pdf http://mrsk.ca/AP/mathInduction+PRACTICE.pdf http://mrsk.ca/AP/mathInduction.pdf		http://www.youtube.com/playlist?list=PLGTICNN99jHkC_WNPFjqny1sBUrcqBzaa			
1.5days	Antiderivatives & Indefinite Integrals (AP)	www.mrsk.ca/AP/F4.1antideriv.pdf www.mrsk.ca/AP/Korpis6.1AntidifferentiationIntegration.pdf www.mrsk.ca/AP/CALCantiderivatives.pdf	www.mrsk.ca/AP/LESSONantiderivative.pdf	http://online.math.uh.edu/Math1431/c4/s3/index.html		http://education.ti.com/html/t3_free_courses/calculus89_online/mod18/mod18_1.html	Match f, f', f'' http://webspace.ship.edu/msrenault/GeoGebraCalculus/derivative_first_second.html Match the antiderivative http://webspace.ship.edu/msrenault/GeoGebraCalculus/derivative_matching_antiderivative.html Bicycle prob Part1 http://webspace.ship.edu/msrenault/GeoGebraCalculus/integration_intro_bicycle1.html Part2 http://webspace.ship.edu/msrenault/GeoGebraCalculus/integration_intro_bicycle2.html Integral http://www.personal.psu.edu/dpl14/java/calculus/integral.html Slope Fields http://www.personal.psu.edu/dpl14/java/calculus/antiderivatives.html Area Function http://webspace.ship.edu/msrenault/GeoGebraCalculus/integration_area_function.html
3days	Estimating Areas - Numerical Integration (AP)	www.mrsk.ca/AP/F4.2estimateAreas.pdf www.mrsk.ca/AP/Korpis6.2numericIntegration.pdf www.mrsk.ca/AP/CALCapproximateIntegration.pdf	http://www.thefamouspeople.com/profiles/bernhard-riemann-biography-440.php About Riemann http://mathforcollege.com/nm/anecdotes/simpson.html About Simpson www.mrsk.ca/AP/LESSONtrapezoidSimpsons.pdf Trapezoid and Simpson's Rule http://tutorial.math.lamar.edu/Classes/CalcII/ApproximatingDefIntegrals.aspx All error bounds except left and right riemann sums www.mrsk.ca/AP/LESSONestimating-with-finite-sums.pdf				http://www.wolframalpha.com/input/?i=integrate Integrating Calculator Riemann http://www.personal.psu.edu/dpl14/java/calculus/riemannintegral.html http://webspace.ship.edu/msrenault/GeoGebraCalculus/integration_riemann_sum.html Left & Right & Midpoint & Trapezoid & Simpson http://www.personal.psu.edu/dpl14/java/calculus/area.html
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2days	FTC Part 2 + Average Value of a Function (AP)	www.mrsk.ca/AP/F4.5ftc.pdf www.mrsk.ca/AP/PRACTICEaveVal.pdf	Visual Proof of why integration and differentiation are inverse operations www.mrsk.ca/AP/PROOFvisualFTC.pdf www.mrsk.ca/AP/LESSONaverage-value-of-function.pdf www.mrsk.ca/AP/LESSONftcAreaUnder.pdf	http://online.math.uh.edu/Math1431/c4/s2/index.html		http://education.ti.com/html/t3_free_courses/calculus89_online/mod16/mod16_1.html	FTC http://www.flashandmath.com/mathlets/calc/intapp/index.html http://webspace.ship.edu/msrenault/GeoGebraCalculus/integration_FTC.html http://webspace.ship.edu/msrenault/GeoGebraCalculus/integration_FTC_practical.html
3days	FTC Part 1 & MVT for Integrals (AP)	www.mrsk.ca/AP/Korpis6.3ftc.pdf www.mrsk.ca/AP/CALC-FTC.pdf	www.mrsk.ca/AP/LESSONmoreFTC.pdf www.mrsk.ca/AP/LESSONmaximum-and-minimum.pdf	http://online.math.uh.edu/Math1431/c4/s5/index.html			
3days	Interpret the Integral (AP)	www.mrsk.ca/AP/Korpis8.1IntegralAsNetChange.pdf www.mrsk.ca/AP/wAPinterpretIntegral.pdf www.mrsk.ca/AP/wApplyingFTCpositionVel.pdf www.mrsk.ca/AP/wApplyingFTC.pdf	www.mrsk.ca/AP/LESSONintegral-as-net-change.pdf		http://17calculus.com/integrals/linear-motion/		
		Mix Review www.mrsk.ca/AP/AintegralReview.pdf www.mrsk.ca/AP/wTestReview4.pdf www.mrsk.ca/AP/wTestReviewAP3.pdf					

Websites used
http://www.korpisworld.com/Mathematics/Calculus%20Maximus/Calculus%20Maximus%20Splash.htm
www.fredmath.net - now needs password
http://web2.slc.qc.ca/mh/Math203/Default.htm
http://www.horton.ednet.ns.ca/staff/wheadon/
http://arseneaumath.wordpress.com/