

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
3.5days	Optimization (MCV)	www.mrsk.ca/AP/ACv4.4optimization.pdf www.mrsk.ca/AP/Aoptimization2.pdf www.mrsk.ca/AP/Aoptimization2.pdf organized by type www.mrsk.ca/AP/CALCOptimization2.pdf www.mrsk.ca/AP/CALCBusinessEconomicsApplications.pdf www.mrsk.ca/AP/w/Optimization.pdf www.mrsk.ca/AP/w/OptimizationAP.pdf www.mrsk.ca/AP/w/OptimizationEngineering.pdf	www.mrsk.ca/AP/LESSONmodeling-and-optimization.pdf www.mrsk.ca/AP/LESSONOptimization-examples.pdf	http://online.math.uh.edu/Math1431/c3/s6/index.html	http://17calculus.com/derivatives/optimization/	http://education.ti.com/html/3-free_courses/calculus89_online/m0d11/m0d11_1.html	Interactive Tutorials + Quizzes + Videos of tutorials + Graphers available at http://www.zweigmedia.com/learnpage.html#ed#ent#calc Bending Wire Rectangle in Parabola 3 pens Power to an island Wire problem Others... scroll down http://webpage.ship.edu/mrsrenault/GeoGebraCalculus/GeoGebraCalculusApplets.html
3days	Related Rates (usually done in regular MCV class)	www.mrsk.ca/AP/ACv4.7relatedRates.pdf www.mrsk.ca/AP/ArelatedRates2.pdf www.mrsk.ca/AP/CALCrelatedRates2.pdf organized by type www.mrsk.ca/AP/d3.5relatedRates.pdf www.mrsk.ca/AP/wRelatedRatesAP.pdf www.mrsk.ca/AP/wRelatedRates2.pdf www.mrsk.ca/AP/wRelatedRates3+RelPage.pdf	www.mrsk.ca/AP/LESSONrelated-rates.pdf	http://online.math.uh.edu/Math1431/c2/s6/index.html AP exam question on related rates video http://www.midnighttutor.com/shadow_tightrope.html	http://17calculus.com/derivatives/related-rates/ http://17calculus.com/derivatives/related-rates/distances/ http://17calculus.com/derivatives/related-rates/volumes/	http://education.ti.com/html/3-free_courses/calculus89_online/m0d14/m0d14_1.html	Oil slick Falling ladder Conical tank Driving car Lamppost Two trains Searchlight Rocket launch http://webpage.ship.edu/mrsrenault/GeoGebraCalculus/GeoGebraCalculusApplets.html
1.5days	L'Hopital's Rule (AP - AB)	www.mrsk.ca/AP/CALC1Hopital'sRule.pdf www.mrsk.ca/AP/d3.6HopitalsRule.pdf					http://www.personal.psu.edu/dp14/java/calculus/hospital.html
1.5days	Linear Approximations and Differentials (AP - AB)	www.mrsk.ca/AP/CALCLinearizationDifferentialsMarginalAnalysis.pdf www.mrsk.ca/AP/d3.5LocalLinearization.pdf www.mrsk.ca/AP/ACv4.6estimatingChange.pdf www.mrsk.ca/AP/AestimateChange.pdf www.mrsk.ca/AP/AestimateChange2.pdf www.mrsk.ca/AP/Alinearization.pdf www.mrsk.ca/AP/wLinearization.pdf	www.mrsk.ca/AP/LESSONestimatingChange.pdf	http://online.math.uh.edu/Math1431/c2/s8/index.html			http://www.personal.psu.edu/dp14/java/calculus/linearization.html
1.5days	Optional - (BC) Newton's Method + Taylor Series	www.mrsk.ca/AP/PRACTICEnewtonsMethod.pdf www.mrsk.ca/AP/PRACTICETaylorExpansion.pdf	www.mrsk.ca/AP/LESSONlinearization-and-newtons-method.pdf				http://www.flashmath.com/mathlets/calculus/tunseq/tunseq.html http://www.personal.psu.edu/dp14/java/calculus/newtonsmethod.html http://www.personal.psu.edu/dp14/java/calculus/taylorseries.html
		MixReview www.mrsk.ca/AP/wPracticeQuizDerivWordSketch.pdf www.mrsk.ca/AP/ACvDerivAppReview.pdf www.mrsk.ca/AP/AspecificAPderivAppReview.pdf www.mrsk.ca/AP/AspecificAPderivHarderEx.pdf www.mrsk.ca/AP/wTestReview.pdf www.mrsk.ca/AP/wTestReview2.pdf www.mrsk.ca/AP/wTestReview3.pdf www.mrsk.ca/AP/wTestReviewAP.pdf www.mrsk.ca/AP/wTestReviewAP2.pdf www.mrsk.ca/AP/wTestReviewAPmultChoice+More.pdf					

Websites used:

- <http://web2.slc.qc.ca/mh/Math103/Default.htm>
- <http://www.horton.ednet.ns.ca/staff/wheadon/>
- <http://arseneumath.wordpress.com/>
- <http://www.pages.drexel.edu/~mjd85/math121/201225/>

