

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
2.5days	Maxima/Minima +EVT (MCV) Other Theorems (MVT and Rolles) (AP)	www.mrsk.ca/AP/ACv4.1extremeVal.pdf www.mrsk.ca/AP/CALCmaxMin.pdf www.mrsk.ca/AP/d4.4maxMinEVT.pdf www.mrsk.ca/AP/ACv4.2mvt.pdf www.mrsk.ca/AP/CALC-MVT.pdf	http://math.about.com/library/bfermatbio.htm About Fermat www.mrsk.ca/AP/LESSONExtreme-values-of-functions.pdf www.mrsk.ca/AP/LESSONmean-value-theorem-for-functions.pdf www.mrsk.ca/AP/LESSONrolles.pdf http://www.mhhe.com/math/calcsmith/minton2e/cd/tools/timeline/rolle.html About Rolle	Extreme Values http://online.math.uh.edu/Math1431/c3/c3/5/index.html Rolles and MVT http://online.math.uh.edu/Math1431/c3/c3/1/index.html	EVT http://online.math.uh.edu/Math1431/Helpfile/section2.6/ExtVal/ExtValPract.html MVT http://17calculus.com/derivatives/mean-value-theorem/		Interactive Tutorials + Quizzes + Videos of tutorials + Graphers available at http://www.zeigmedia.com/lcpa.html#d6en#calc MVT http://www.personal.psu.edu/dp114/java/calculus/meanvalue.html
1.5days	Function Analysis (MCV)	www.mrsk.ca/AP/CALCmonotonic+1stDerivTest1.pdf www.mrsk.ca/AP/d4.1+4.2sketchintro.pdf www.mrsk.ca/AP/wCritPts.pdf www.mrsk.ca/AP/wClassifyCritPt.pdf www.mrsk.ca/AP/wCritPtstateralsinc.pdf www.mrsk.ca/AP/wFunctionAnalysisWord+LogDiff.pdf		Critical numbers and 1st derivative test http://online.math.uh.edu/Math1431/c3/c3/2/index.html Concavity and 2nd derivative test http://online.math.uh.edu/Math1431/c3/c3/3/index.html	http://17calculus.com/derivatives/graphing/1st-derivative/ http://17calculus.com/derivatives/graphing/2nd-derivative/		1st derivative test http://webspace.ship.edu/msrenault/GeoGebraCalculus/derivative_app_1_graph_AD.html 2nd derivative test http://webspace.ship.edu/msrenault/GeoGebraCalculus/derivative_app_2_graph_ADAD.html Derivatives and shape of graph http://webspace.ship.edu/msrenault/GeoGebraCalculus/derivative_shape_of_a_graph.html
2days	Curve Sketching (MCV)	www.mrsk.ca/AP/AsketchAbsoluteValuesOfFunctions.pdf www.mrsk.ca/AP/CALCconavity+2ndDerivTest2.pdf www.mrsk.ca/AP/CALCurveSketch2.pdf www.mrsk.ca/AP/d4.2+4.3sketch.pdf www.mrsk.ca/AP/ACv4.3sketching.pdf	www.mrsk.ca/AP/LESSONsketchesUsingDeriv.pdf	http://online.math.uh.edu/Math1431/c3/c3/4/index.html	http://17calculus.com/derivatives/graphing/		Derivative calculator http://goo.gl/IVbEXS
3days	Higher Order Derivatives + Velocity & Acceleration (MCV)	www.mrsk.ca/AP/ACv3.1positionVelocityAccel.pdf www.mrsk.ca/AP/CALCHigherOrderDerivatives.pdf www.mrsk.ca/AP/d2.6chainRule.pdf	www.mrsk.ca/AP/LESSONvelocity-and-other-rates-of-change.pdf	Velocity acceleration http://online.math.uh.edu/Math1431/c3/c3/7/index.html Higher order deriv http://online.math.uh.edu/Math1431/c3/c3/9/index.html	http://17calculus.com/cal04-linear-motion.php http://17calculus.com/cal03-power.php#deriv-higher	http://education.ti.com/html/13/free_courses/calculus89_online/mod09/mod09_1.html	
	Application of Rates of Change (MCV)	www.mrsk.ca/AP/wInterpretDerivative.pdf www.mrsk.ca/AP/wApplicationOfDerivatives.pdf www.mrsk.ca/AP/ASpecificAPenrichmentQuets.pdf www.mrsk.ca/AP/ACv2.7derivWordProb.pdf www.mrsk.ca/AP/CALCrocWordProbEqtnGiven.pdf www.mrsk.ca/AP/WappDervPolynEqtn.pdf			http://17calculus.com/derivatives/tangent-normal/		
		Mix Practice www.mrsk.ca/AP/wDerivImplicitWordSketch.pdf www.mrsk.ca/AP/ASpecificAPDerivReview.pdf www.mrsk.ca/AP/ACvDerivPart1Review.pdf www.mrsk.ca/AP/ACvDerivPart2Review2.pdf www.mrsk.ca/AP/wDerivReview.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/~mid85/math121/201225/>