

# SCHEDULE

August 13, 2014 2:33 PM

	Topics Journal & Assign are based on this	HW Handouts , instead of textbook optional unless <b>highlighted</b> 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	Summaries + Problems with Video Solutions	TI - 89 Calculator Activities	Applets
	Slope Fields <b>(AB)</b>	<a href="http://www.mrsk.ca/AP/Korpin7.1slopefields.pdf">www.mrsk.ca/AP/Korpin7.1slopefields.pdf</a>	<a href="http://www.mrsk.ca/AP/LESSON/slope-fields.pdf">www.mrsk.ca/AP/LESSON/slope-fields.pdf</a>	<a href="https://www.youtube.com/watch?v=7V8_48PP94">https://www.youtube.com/watch?v=7V8_48PP94</a> <a href="https://www.youtube.com/watch?v=jglt8gyr9f8">https://www.youtube.com/watch?v=jglt8gyr9f8</a>		<a href="http://education.ill.com/html/13-free_courses/calculus9_online/mod18/mod18_1.html">http://education.ill.com/html/13-free_courses/calculus9_online/mod18/mod18_1.html</a>	<a href="http://www.personal.psu.edu/dp14/java/calculus/antiderivatives.html">http://www.personal.psu.edu/dp14/java/calculus/antiderivatives.html</a> <a href="http://www.personal.psu.edu/dp14/java/calculus/slopefields.html">http://www.personal.psu.edu/dp14/java/calculus/slopefields.html</a>
	Differential Equations <b>(AB)</b>	<a href="http://www.mrsk.ca/AP/1.2separableDEs.pdf">www.mrsk.ca/AP/1.2separableDEs.pdf</a>	<a href="http://www.mrsk.ca/AP/LESSON/separable-differentiable-equations.pdf">www.mrsk.ca/AP/LESSON/separable-differentiable-equations.pdf</a>	<a href="https://www.khanacademy.org/math/differential-equations/first-order-differential-equations/separable-equations/v/separable-differential-equations">https://www.khanacademy.org/math/differential-equations/first-order-differential-equations/separable-equations/v/separable-differential-equations</a>	<a href="http://77rek.com/differential-equations/separation-of-variables/">http://77rek.com/differential-equations/separation-of-variables/</a>	<a href="http://education.ill.com/html/13-free_courses/calculus9_online/mod18/mod18_1.html">http://education.ill.com/html/13-free_courses/calculus9_online/mod18/mod18_1.html</a>	
0.5day	Euler's Method for Solving DE <b>(BC)</b>	<a href="http://www.mrsk.ca/AP/Korpin7.2EulerMethod.pdf">www.mrsk.ca/AP/Korpin7.2EulerMethod.pdf</a> <a href="http://www.mrsk.ca/AP/10.7DEslopefields/Euler.pdf">www.mrsk.ca/AP/10.7DEslopefields/Euler.pdf</a>	<a href="http://www.mrsk.ca/AP/LESSON/numerical-methods/Euler.pdf">www.mrsk.ca/AP/LESSON/numerical-methods/Euler.pdf</a> <a href="http://www.thefamouspeople.com/profiles/leonhard-euler-biography-441.php">http://www.thefamouspeople.com/profiles/leonhard-euler-biography-441.php</a>			<a href="http://education.ill.com/html/13-free_courses/calculus9_online/mod20/mod20_1.html">http://education.ill.com/html/13-free_courses/calculus9_online/mod20/mod20_1.html</a>	<a href="http://www.personal.psu.edu/dp14/java/calculus/eulersmethod.html">http://www.personal.psu.edu/dp14/java/calculus/eulersmethod.html</a>
	Integration by Parts <b>(BC)</b>	<a href="http://www.mrsk.ca/AP/Korpin7.3byParts.pdf">www.mrsk.ca/AP/Korpin7.3byParts.pdf</a> <a href="http://www.mrsk.ca/AP/CAL/IntegrationbyParts.pdf">www.mrsk.ca/AP/CAL/IntegrationbyParts.pdf</a> <a href="http://www.mrsk.ca/AP/10.2IntegrationbyParts.pdf">www.mrsk.ca/AP/10.2IntegrationbyParts.pdf</a>	<a href="http://www.mrsk.ca/AP/LESSON/integration-by-parts.pdf">www.mrsk.ca/AP/LESSON/integration-by-parts.pdf</a>	<a href="https://www.khanacademy.org/math/integral-calculus/integration-techniques/integration-by-parts/v/deriving-integration-by-parts-formula">https://www.khanacademy.org/math/integral-calculus/integration-techniques/integration-by-parts/v/deriving-integration-by-parts-formula</a>	<a href="http://77rek.com/integrals/integrals-by-parts/">http://77rek.com/integrals/integrals-by-parts/</a>		
	Integration by Partial Fractions <b>(BC)</b>	<a href="http://www.mrsk.ca/AP/Korpin7.4partialFractions+Logistic.pdf">www.mrsk.ca/AP/Korpin7.4partialFractions+Logistic.pdf</a> <a href="http://www.mrsk.ca/AP/CAL/PartialFractions.pdf">www.mrsk.ca/AP/CAL/PartialFractions.pdf</a> <a href="http://www.mrsk.ca/AP/10.4IntegbyPartialFractions.pdf">www.mrsk.ca/AP/10.4IntegbyPartialFractions.pdf</a>	<a href="http://www.mrsk.ca/AP/10.4IntegbyPartialFractions/LESSON.pdf">www.mrsk.ca/AP/10.4IntegbyPartialFractions/LESSON.pdf</a>	<a href="https://www.khanacademy.org/math/integral-calculus/integration-techniques/integrate-partial-fraction-express/v/partial-fraction-expression-to-integrate">https://www.khanacademy.org/math/integral-calculus/integration-techniques/integrate-partial-fraction-express/v/partial-fraction-expression-to-integrate</a>	<a href="http://77rek.com/integrals/partial-fractions/">http://77rek.com/integrals/partial-fractions/</a>		
0.5day	Trig Integrals <b>(BC)</b>	<a href="http://www.mrsk.ca/AP/10.2TrigIntegrals.pdf">www.mrsk.ca/AP/10.2TrigIntegrals.pdf</a> <a href="http://www.mrsk.ca/AP/CAL/TrigIntegrals.pdf">www.mrsk.ca/AP/CAL/TrigIntegrals.pdf</a>	<a href="http://www.mrsk.ca/AP/10.2TrigIntegrals/LESSON.pdf">www.mrsk.ca/AP/10.2TrigIntegrals/LESSON.pdf</a>				
	Integration by Trig Sub <b>(BC)</b>	<a href="http://www.mrsk.ca/AP/10.2TrigSub.pdf">www.mrsk.ca/AP/10.2TrigSub.pdf</a>	<a href="http://www.mrsk.ca/AP/10.2TrigSub/LESSON.pdf">www.mrsk.ca/AP/10.2TrigSub/LESSON.pdf</a>			<a href="http://77rek.com/integrals/trig-integrals/">http://77rek.com/integrals/trig-integrals/</a> <a href="http://77rek.com/integrals/trig-substitution/">http://77rek.com/integrals/trig-substitution/</a>	
3days	Applications of DE <b>(AB)</b>	<a href="http://www.mrsk.ca/AP/PRACTICE/ApplApplications.pdf">www.mrsk.ca/AP/PRACTICE/ApplApplications.pdf</a> <a href="http://www.mrsk.ca/AP/Korpin7.3separableDE.pdf">www.mrsk.ca/AP/Korpin7.3separableDE.pdf</a> <a href="http://www.mrsk.ca/AP/CAL/11EulerMethodForWordProb.pdf">www.mrsk.ca/AP/CAL/11EulerMethodForWordProb.pdf</a>	<a href="http://www.mrsk.ca/AP/LESSON/11EulerMethodForWordProb.pdf">www.mrsk.ca/AP/LESSON/11EulerMethodForWordProb.pdf</a>	<a href="https://www.khanacademy.org/math/differential-equations/first-order-differential-equations/epidemic-differential-equation/v/modeling-population-with-differential-equations">https://www.khanacademy.org/math/differential-equations/first-order-differential-equations/epidemic-differential-equation/v/modeling-population-with-differential-equations</a>	<a href="http://77rek.com/differential-equations/epidemic-growth-decay/">http://77rek.com/differential-equations/epidemic-growth-decay/</a>	<a href="http://education.ill.com/html/13-free_courses/calculus9_online/mod19/mod19_1.html">http://education.ill.com/html/13-free_courses/calculus9_online/mod19/mod19_1.html</a>	
		<b>Mix Review</b> <a href="http://www.mrsk.ca/AP/Review/WH1Sol.pdf">www.mrsk.ca/AP/Review/WH1Sol.pdf</a> <a href="http://www.mrsk.ca/AP/Korpin7.3MegaIntegrationPractice.pdf">www.mrsk.ca/AP/Korpin7.3MegaIntegrationPractice.pdf</a> <a href="http://www.mrsk.ca/AP/10/TestReview5.pdf">www.mrsk.ca/AP/10/TestReview5.pdf</a> <a href="http://www.mrsk.ca/AP/10/TestReview6.pdf">www.mrsk.ca/AP/10/TestReview6.pdf</a> <a href="http://www.mrsk.ca/AP/10/TestReview6forExam.pdf">www.mrsk.ca/AP/10/TestReview6forExam.pdf</a>					<b>3D surfaces</b> <a href="http://www.personal.psu.edu/dp14/java/calculus/surfaces.html">http://www.personal.psu.edu/dp14/java/calculus/surfaces.html</a>

## Websites used

<http://www.korpinworld.com/Mathematics/Calculus%20Maximus/Calculus%20Maximus%20Splash.htm>  
[www.fredmath.net](http://www.fredmath.net) - now needs password  
<http://web2.slc.cc.ca/mh/Math203/Default.htm>  
<http://www.horton.ednet.ns.ca/staff/wheadon/>  
<http://arseneumath.wordpress.com/>