



# Need a jump start to tone up your Math skills?

## Wake up your Math memories!!!

Review the Math tools you need to succeed in Calculus.

Use your skills or lose them!!!

Attend the Calculus Start-up Program for Math 103 and Math 104  
 Sunday, September 9, 2012 through Tuesday, September 11, 2012

Go to the Tutoring Center website to access session registration available  
 September 5, 2012

### Math 103, 7:00 pm - 9:00 pm

	SUNDAY, 9/9/12 DRL A2	MONDAY, 9/10/12 DRL 2C2	TUESDAY, 9/11/12 DRL 2C2
Review	<ul style="list-style-type: none"> <li>- Types of functions</li> <li>- Domain and Range</li> <li>- Inverse functions and relationship to domain and range</li> </ul>	<ul style="list-style-type: none"> <li>- Composition of functions</li> <li>- Graphing functions (intercepts, asymptotes)</li> <li>- Shifting and Scaling Graphs</li> </ul>	<ul style="list-style-type: none"> <li>- Factoring and Solving Equations</li> <li>- Completing the square</li> <li>- Rules for exponents (use to simplify expressions)</li> <li>- Rules for Logarithms (use to rewrite expressions)</li> </ul>

### Math 104, 7:00 pm - 9:00 pm

	SUNDAY, 9/9/12 Cohen 17	MONDAY, 9/10/12 DRL A2	TUESDAY, 9/11/12 DRL A6
Review	<p><b>Derivatives</b></p> <ul style="list-style-type: none"> <li>- Product, quotient, and chain rules</li> <li>- Derivatives of common functions</li> <li>- More Advanced derivatives: logarithms, inverse trig functions, implicit differentiation</li> </ul>	<p><b>Integrals</b></p> <ul style="list-style-type: none"> <li>- Antidifferentiation of simple functions</li> <li>- Fundamental theorem of calculus</li> <li>- Areas between curves</li> <li>- U-substitution</li> </ul>	<p><b>Exponents and Logs</b></p> <ul style="list-style-type: none"> <li>- Derivative and integral of the exponential</li> <li>- Exponent and log rules</li> <li>- Simplifying exponents and logs</li> </ul>