

1067-Z1-2411      **Carl V Lutzer\*** ([cvlsma@rit.edu](mailto:cvlsma@rit.edu)), School of Mathematical Sciences, RIT, Rochester, NY 14623.  
*The Alpha and the Omega of 1st Year Calculus.*

Most students complete their first year of calculus with Taylor Series. In this talk, I'll present a simple way to—crazy as it might sound—begin the year with Taylor expansions. I'll discuss the immediate payoff in the study of differential calculus, and touch on some of the long-term benefits that arise in integration theory and beyond. (Received September 23, 2010)