

1135-VJ-1412 **Robert R. Rogers*** (robert.rogers@fredonia.edu), Department of Mathematical Sciences,
SUNY Fredonia, Fredonia, NY 14063. *Riemann Sums Belong at the End of Integral Calculus, Not
in the Beginning.*

The typical Calculus II course starts with the formal definition of an integral utilizing Riemann sums, even though the integral sign and Fundamental Theorem of Calculus predate the birth of Riemann by 133 years and the idea of summing infinitesimals is even older. See how a Calculus II course can be taught with Riemann sums put in their proper historical and pedagogical place. (Received September 22, 2017)