

1106-VT-317 **John W. Thompson*** (jwt01@pitt.edu), 141 Krebs Hall, U. of Pittsburgh at Johnstown, 450 Schoolhouse Road, Johnstown, PA 15904, and **Stephen Curran**. *Calculus with and without Top Hat*. Preliminary report.

In the fall 2014 semester we ran two sections of a traditional Calculus I class utilizing the student response program Top Hat and two sections without. We plan to briefly describe how we implemented the program, including examples with an explanation of the context, to relate interesting stories of the experience, and to present a synopsis as to whether the extra work is worth it. (Received August 21, 2014)